## **Product Datasheet**

### RBFOX3/NeuN Antibody (NeuN/6694R) [Alexa Fluor® 350] NBP3-14008AF350

Unit Size: 0.1 ml

Store at 4C in the dark.

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#### NBP3-14008AF350

RBFOX3/NeuN Antibody (NeuN/6694R) [Alexa Fluor® 350]

Product Information           Unit Size         0.1 ml           Concentration         Please see the vial label for concentration. If unlisted please contact technical services.           Storage         Store at 4C in the dark.           Clonality         Monoclonal           Clone         NeuN/6694R           Preservative         0.05% Sodium Azide           Isotype         IgG Kappa           Conjugate         Alexa Fluor 350           Purity         Protein A or G purified           Buffer         SomM Sodium Borate           Product Description         Rabbit           Gene ID         146713           Gene Symbol         RBFOX3           Species         Human           Marker         Neuronal Marker           Specificity/Sensitivity         Neuronal to be precimanel processes in both fetal and adult brain although, some neurons fail to be recognized by NeuN at all ages: INL retinal cells, Cajal-Retzius cells, Purkinja cells, Interino cells are examples. Immunohistochemically de		
ConcentrationPlease see the vial label for concentration. If unlisted please contact technical services.StorageStore at 4C in the dark.ClonalityMonoclonalCloneNeuN/6694RPreservative0.05% Sodium AzideIsotypeIgG KappaConjugateAlexa Fluor 350PurityProtein A or G purifiedBuffer50mM Sodium BorateProduct DescriptionHostRabbitGene BD146713Gene SymbolRBFOX3SpeciesHumanMarkerNeuronal MarkerSpeciesHumanMarkerNeunonal MarkerSpecificity/SensitivityNeuNa nitbody specifically recognizes the DNA-binding, neuron-specific protein NeuN, which is present in most CNS and PNS neuronal cell types of all vertebrates tested. NeuN protein distributions are apparently restricted to neuronal nuclei and some proximal neuronal processes in both fetal and adult torian although, some neurons fail to be recognized the neuro. Immunoreactivity appears around E9.5 in the mouse neural tube and is extensive throughout the developing nervous system by E12.5. Strong nuclear staining suggests a nuclear negulatory protein function, however, no evidence currently exists as to whether the NeuN protein function, in whose restored to the neuron. ImmunoPistochemically detectable Neuropited nuclei and so whether the NeuVi protein nuclear staining suggests a nuclear regulatory protein function, however, no evidence currently exists as to whether the NeuN protein function, in the distal cytoplasm or whether it is merely synthesized three before being transported back into the nucleus. No difference between protein solated from pu	Product Information	
services.StorageStore at 4C in the dark.ClonalityMonoclonalCloneNeuN/6694RPreservative0.05% Sodium AzideIsotypeIgG KappaConjugateAlexa Fluor 350PurityProtein A or G purifiedBuffer50mM Sodium BorateProduct Description146713HostRabbitGene BymbolRBFOX3SpeciesHumanMarkerNeuronal MarkerSpecificity/SensitivityNeuN antibody specifically recognized the Processes in both fetal and adult brain athrough, some neuronal all errors fail to be neuronal nuclei and some proximal neuronal pareas in both fetal and adult the initiation of the meuron fail constrained to the meuron fail to encognized the neuron form the cells, cipilar estangling and sympathetic ganglion cells are examples. Immunohistochemically describer has a function in the distic cytoplasm or whether it is merely synthesized three hefore being runsported bace statistic to the neuronal aucleis and sympathetic ganglion cells are examples. Immunohistochemically detectable NeuN protein first appears at developmental timepoints that correspond with the withdrawal of the neuron from the cell cycle and/or with the initiation of the neuron. Immunoneactivity appears around E9.5 in the mouse neural tuceal stating suggests a nuclear regulatory protein function, however, no evidence currently exists as to whether the NeuN protein function, however, no evidence stating suggests a nuclear regulatory protein function, however, no evidence strong northeter the NeuN protein function, however, no evidence currently exists as to whether the NeuN protein function, however, no evidence strong houche brain extract on immunobitots has b	Unit Size	0.1 ml
ClonalityMonoclonalCloneNeuN/6694RPreservative0.05% Sodium AzideIsotypeIgG KappaConjugateAlexa Fluor 350PurityProtein A or G purifiedBuffer50mM Sodium BorateProduct DescriptionHostHostRabbitGene ID146713Gene SymbolRBFOX3SpeciesHumanMarkerNeuronal MarkerSpecificity/SensitivityNeuronal MarkerSpecificity/SensitivityNeuronal MarkerSpecificity/SensitivityNeuronal dypathetic ganglion cells, inferior olivary and dentate nucleus and sympathetic ganglion cells are examples. Immunohistochemically detectable NeuN protein first appears at developmental timepoints that correspond with the withdrawal of the neuron. Immunoreactivity appears around E0.5 in the mouse neural tube and is extensive throughout the developing mervion synthesized there before being transported back into the neucleus no ordifference between protein isstand or the neuce stand whole brain extract on immunoblots has been found.ImmunogenA synthetic cperpide corresponding to residues within aa30-60 of human	Concentration	•
CloneNeuN/6694RPreservative0.05% Sodium AzideIsotypeIgG KappaConjugateAlexa Fluor 350PurityProtein A or G purifiedBuffer50mM Sodium BorateProduct DescriptionHostRabbitGene ID146713Gene SymbolRBFOX3SpeciesHumanMarkerNeuronal MarkerSpecificity/SensitivityNeuronal MarkerSpecificity/SensitivityNeuronal MarkerSpecificity/SensitivitySome automs fail to be recognized by NeuNa tal adjust by and durate nucleus national first appears at developmental timepoints that correspond with the withdrawal of the neuron. Immunofies a nuclear regulatory protein first appears at overheim set in the other and is extensive throughout the developing nervous system by E12.5. Strong nuclear staining suggests a nuclear regulatory protein function in the distal cytoplasm or whether it is merely synthesized there before being transported back into the nucleus. No difference between protein isolated from purified nuclei and solut be rational set to orresponding to residues within aa30-60 of human	Storage	Store at 4C in the dark.
Preservative0.05% Sodium AzideIsotypeIgG KappaConjugateAlexa Fluor 350PurityProtein A or G purifiedBuffer50mM Sodium BorateProduct DescriptionHostRabbitGene ID146713Gene SymbolRBFOX3SpeciesHumanMarkerNeuronal MarkerSpecificity/SensitivityNeuN antibody specifically recognizes the DNA-binding, neuron-specific protein NeuN, which is present in most CNS and PNS neuronal cell types of all vertebrates tested. NeuN protein distributions are apparently restricted to neuronal nuclei and some proximal neuronal processes in both fetal and adult brain although, some neurons fail to be recognized by NeuN at all ages: INL retinal cells, Cajal-Retzius cells, Purkinje cells, inferior olivary and dentate nucleus neurons, and sympathetic ganglion cells are examples. Immunohistochemically detectable NeuN protein first appears at developmental timepoints that correspond with the withdrawal of the neuro. Immunoreactivity appears around E9.5 in the mouse neural tube and is extensive throughout the developing nervous system by E12.5. Strong nuclear staining suggests a nuclear regulatory protein function in the distal cytoplasm or whether it is merely synthesized there before being transported back into the nucleus. No difference between protein isolated from purified nuclei and whole brain extract on immunobiots has been found.ImmunogenA synthetic pertide correspond mit to residues within aa30-60 of human	Clonality	Monoclonal
IsotypeIgG KappaConjugateAlexa Fluor 350PurityProtein A or G purifiedBuffer50mM Sodium BorateProduct DescriptionRabbitHostRabbitGene ID146713Gene SymbolRBFOX3SpeciesHumanMarkerNeuronal MarkerSpecificity/SensitivityNeuronal MarkerSpecificity/SensitivityNeuronal MarkerSpecificity/SensitivityNeuRonal nuclei and some proximal neuronal cell types of all vertebrates tested. NeuN protein distributions are apparently restricted to neuronal nuclei and some proximal neuronal processes in both fetal and adult brain although, some neurons fail to be recognized by NeuN at all ages: INL retinal cells, Cajal-Retzius cells, Purkinje cells, inferior olivary and dentate nucleus neurons, and sympathetic ganglion cells are examples. Immunohistochemically detectable NeuN protein first appears at developmental timepoints that correspond with the withdrawal of the neuron from the cell cycle and/or with the initiation of terminal differentiation of the neuro. Immunoreactivity appears around E9.5 in the mouse neural tube and is extensive throughout the developing nervous system by E12.5. Strong nuclear staining suggests a nuclear regulatory protein function; however, no evidence currently exists as to whether it is merely synthesized there before being transported back into the nucleus. No difference between protein isolated from purified nuclei and whole brain extract on immunoblots has been found.ImmunogenA synthetic peptide corresponding to residues within aa30-60 of human	Clone	NeuN/6694R
ConjugateAlexa Fluor 350PurityProtein A or G purifiedBuffer50mM Sodium BorateProduct DescriptionHostRabbitGene ID146713Gene SymbolRBFOX3SpeciesHumanMarkerNeuronal MarkerSpecificity/SensitivityNeuV antibody specifically recognizes the DNA-binding, neuron-specific protein NeuN, which is present in most CNS and PNS neuronal cell types of all vertebrates tested. NeuN protein distributions are apparently restricted to neuronal nuclei and some proximal neuronal processes in both fetal and adult brain although, some neurons fail to be recognized by NeuN at al ages: INL retinal cells, Cajal-Retzius cells, Purkinje cells, inferior olivary and dentate nucleus neurons, and sympathetic ganglion cells are examples. Immunohistochemically detectable NeuN protein first appears at developmental timepoints that correspond with the withdrawal of the neuro. Immunoractivity appears around E9.5 in the mouse neural tube and is extensive throughout the developing nervous system by E12.5. Strong nuclear staining suggests a nuclear regulatory protein function; however, no evidence currently exists as to whether ti is merely synthesized there before being transported back into the nucleus. No difference between protein isolated from purified nuclei and whole brain extract on immunoblots has been found.ImmunogenA synthetic peptide corresponding to residues within aa30-60 of human	Preservative	0.05% Sodium Azide
Purity         Protein A or G purified           Buffer         50mM Sodium Borate           Product Description         Rabbit           Host         Rabbit           Gene ID         146713           Gene Symbol         RBFOX3           Species         Human           Marker         Neuronal Marker           Specificity/Sensitivity         NeuV antibody specifically recognizes the DNA-binding, neuron-specific protein NeuX, which is present in most CNS and PNS neuronal cell types of all vertebrates tested. NeuN protein distributions are apparently restricted to neuronal nuclei and some proximal neuronal processes in both fetal and adult brain although, some neurons fail to be recognized by NeuX at al ages: INL retinal Cells, Cajal-Retzius cells, Purkinje cells, inferior olivary and dentate nucleus neurons, and sympathetic ganglion cells are examples. Immunohistochemically detectable NeuN protein first appears at developmental timepoints that correspond with the withdrawal of the neuro. Immunoreactivity appears around E9.5 in the mouse neural tube and is extensive throughout the developing nervous system by E12.5. Strong nuclear staining suggests a nuclear regulatory protein function; however, ne vidence currently exists as to whether the NeuVI protein antigen has a function in the distal cytoplasm or whether it is merely synthesized there before being transported back into the nucleus. No difference between protein isolated from purified nuclei and whole brain extract on immunoblets has been found.	Isotype	IgG Kappa
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HostRabbitGene ID146713Gene SymbolRBFOX3SpeciesHumanMarkerNeuronal MarkerSpecificity/SensitivityNeuN antibody specifically recognizes the DNA-binding, neuron-specific protein NeuN, which is present in most CNS and PNS neuronal cell types of all vertebrates tested. NeuN protein distributions are apparently restricted to neuronal nuclei and some proximal neuronal processes in both fetal and adult brain although, some neurons fail to be recognized by NeuN at all ages: INL retinal cells, Cajal-Retzius cells, Purkinje cells, inferior olivary and dentate nucleus neurons, and sympathetic ganglion cells are examples. Immunohistochemically detectable NeuN protein first appears at developmental timepoints that correspond with the withdrawal of the neuron from the cell cycle and/or with the initiation of terminal differentiation of the neuro. Immunoreactivity appears around E9.5 in the mouse neural tube and is extensive throughout the developing nervous system by E12.5. Strong nuclear staining suggests a nuclear regulatory protein function; however, no evidence currently exists as to whether the NeuN protein solated from purified nuclei and whole brain extract on immunoblots has been found.ImmunogenA synthetic peptide corresponding to residues within aa30-60 of human	Buffer	50mM Sodium Borate
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Specificity/SensitivityNeuN antibody specifically recognizes the DNA-binding, neuron-specific protein NeuN, which is present in most CNS and PNS neuronal cell types of all vertebrates tested. NeuN protein distributions are apparently restricted to neuronal nuclei and some proximal neuronal processes in both fetal and adult brain although, some neurons fail to be recognized by NeuN at all ages: INL retinal cells, Cajal-Retzius cells, Purkinje cells, inferior olivary and dentate nucleus neurons, and sympathetic ganglion cells are examples. Immunohistochemically detectable NeuN protein first appears at developmental timepoints that correspond with the withdrawal of the neuron. Immunoreactivity appears around E9.5 in the mouse neural tube and is extensive throughout the developing nervous system by E12.5. Strong nuclear staining suggests a nuclear regulatory protein function; however, no evidence currently exists as to whether the NeuN protein antigen has a function in the distal cytoplasm or whether it is merely synthesized there before being transported back into the nucleus. No difference between protein isolated from purified nuclei and whole brain extract on immunoblots has been found.ImmunogenA synthetic peptide corresponding to residues within aa30-60 of human	Species	Human
<ul> <li>NeuN, which is present in most CNS and PNS neuronal cell types of all vertebrates tested. NeuN protein distributions are apparently restricted to neuronal nuclei and some proximal neuronal processes in both fetal and adult brain although, some neurons fail to be recognized by NeuN at all ages: INL retinal cells, Cajal-Retzius cells, Purkinje cells, inferior olivary and dentate nucleus neurons, and sympathetic ganglion cells are examples. Immunohistochemically detectable NeuN protein first appears at developmental timepoints that correspond with the withdrawal of the neuron. Immunoreactivity appears around E9.5 in the mouse neural tube and is extensive throughout the developing nervous system by E12.5. Strong nuclear staining suggests a nuclear regulatory protein function; however, no evidence currently exists as to whether the NeuN protein antigen has a function in the distal cytoplasm or whether it is merely synthesized there before being transported back into the nucleus. No difference between protein isolated from purified nuclei and whole brain extract on immunoblots has been found.</li> </ul>	Marker	Neuronal Marker
	Specificity/Sensitivity	NeuN, which is present in most CNS and PNS neuronal cell types of all vertebrates tested. NeuN protein distributions are apparently restricted to neuronal nuclei and some proximal neuronal processes in both fetal and adult brain although, some neurons fail to be recognized by NeuN at all ages: INL retinal cells, Cajal-Retzius cells, Purkinje cells, inferior olivary and dentate nucleus neurons, and sympathetic ganglion cells are examples. Immunohistochemically detectable NeuN protein first appears at developmental timepoints that correspond with the withdrawal of the neuron from the cell cycle and/or with the initiation of terminal differentiation of the neuro. Immunoreactivity appears around E9.5 in the mouse neural tube and is extensive throughout the developing nervous system by E12.5. Strong nuclear staining suggests a nuclear regulatory protein function; however, no evidence currently exists as to whether the NeuN protein antigen has a function in the distal cytoplasm or whether it is merely synthesized there before being transported back into the nucleus. No difference between protein isolated from purified nuclei and whole brain extract
	Immunogen	



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Product Application Details	
Applications	Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.

Notes





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NBP2-10659	RBFOX3/NeuN Overexpression Lysate
AF835	Caspase-3 Antibody [Unconjugated] - Active

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