

# Product Datasheet

## TDP-43/TARDBP Antibody - Azide and BSA Free NBP2-29648

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-29648**

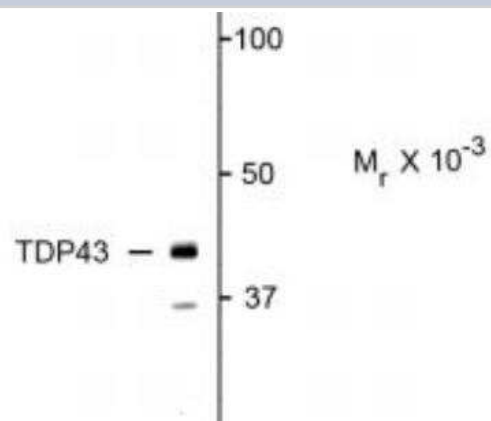
TDP-43/TARDBP Antibody - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS and 30% Glycerol
<b>Target Molecular Weight</b>	43 kDa
<b>Product Description</b>	
<b>Description</b>	Recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 uL/vial depending on usage).
<b>Host</b>	Rabbit
<b>Gene ID</b>	23435
<b>Gene Symbol</b>	TARDBP
<b>Species</b>	Human, Rat
<b>Reactivity Notes</b>	The antibody has been directly tested for reactivity in human and rat.
<b>Specificity/Sensitivity</b>	Specific for the ~ 43kDa TDP-43 protein in Western blots of rat brain lysate. Expected molecular weight is dependent upon the TDP-43 species present in sample (full-length vs. truncated TDP-43). Under non-denaturing conditions (for example, by IHC), this antibody detects TDP-43 inclusions in human brain tissue with TDP-43 proteinopathy, but does not detect full-length nuclear TDP-43. Under denaturing conditions (for example, by Western Blot analysis) this antibody detects the C-terminus of full-length and truncated human TDP-43.
<b>Immunogen</b>	Synthetic peptide C-terminal to the caspase-cleavage site (between D219 and V220) of human TDP-43. Accession # Q13148. Accession # Q13148
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:1000, Immunohistochemistry 1:250, Immunocytochemistry/ Immunofluorescence 1:1000



**Images**

Western Blot: TARDBP Antibody [NBP2-29648] - neonatal rat brain lysate showing specific immunolabeling of the ~ 43 kDa TDP43 protein.





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### **Products Related to NBP2-29648**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB110-55376PEP	TDP-43/TARDBP Antibody Blocking Peptide

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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