

Product Datasheet

GluR2 Antibody (9R1X2) NBP3-15370-100ul

Unit Size: 100 ul

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

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NBP3-15370-100ul

GluR2 Antibody (9R1X2)

Product Information

Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	9R1X2
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA

Product Description

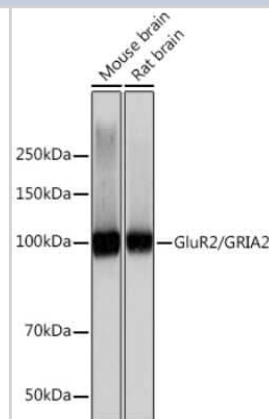
Description	Novus Biologicals Rabbit GluR2 Antibody (9R1X2) (NBP3-15370) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2891
Gene Symbol	GRIA2
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 150-250 of human GluR2 (P42262). YLYDSDRGLSTLQAVLDSAAEKKWQVTAINVGNINNDKKDEMYRSLFQDLELK KERRVILDCERDKVNDIVDQVITIGKHVKG YHYIIANLGFTDGDLLKI

Product Application Details

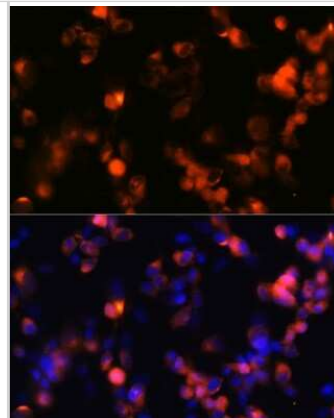
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:1000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200

Images

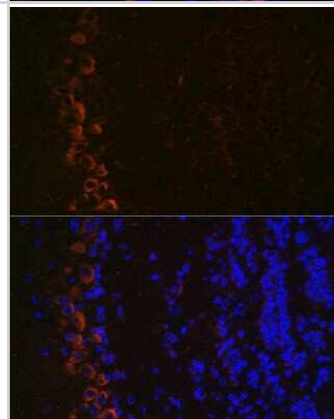
Western Blot: GluR2 Antibody (9R1X2) [NBP3-15370] - Analysis of extracts of various cell lines, using GluR2 Rabbit mAb (NBP3-15370) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



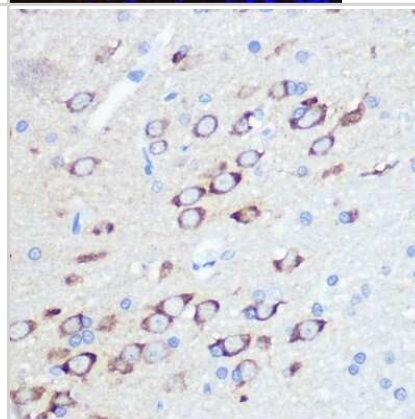
Immunocytochemistry/Immunofluorescence: GluR2 Antibody (9R1X2) [NBP3-15370] - Immunofluorescence analysis of SH-SY5Y cells using GluR2 Rabbit mAb (NBP3-15370) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



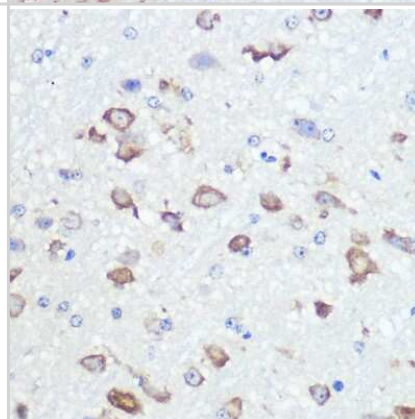
Immunohistochemistry: GluR2 Antibody (9R1X2) [NBP3-15370] - Immunofluorescence analysis of mouse brain using GluR2 Rabbit mAb (NBP3-15370) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



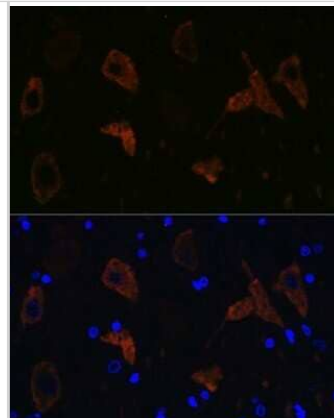
Immunohistochemistry-Paraffin: GluR2 Antibody (9R1X2) [NBP3-15370] - Rat brain using GluR2 Rabbit mAb (NBP3-15370) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



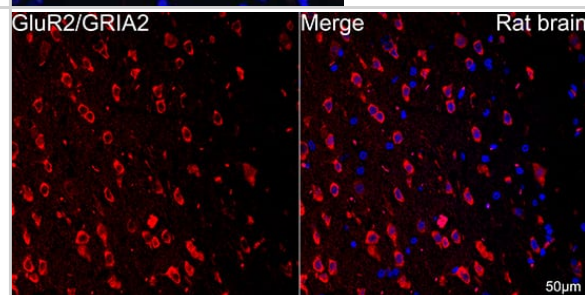
Immunohistochemistry-Paraffin: GluR2 Antibody (9R1X2) [NBP3-15370] - Mouse brain using GluR2 Rabbit mAb (NBP3-15370) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



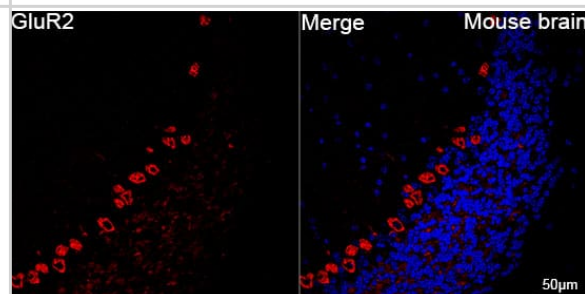
Immunohistochemistry: GluR2 Antibody (9R1X2) [NBP3-15370] - Immunofluorescence analysis of rat brain using GluR2 Rabbit mAb (NBP3-15370) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunocytochemistry/ Immunofluorescence: GluR2 Antibody (9R1X2) [GluR2] - Confocal imaging of paraffin-embedded Rat brain tissue using GluR2 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). Objective: 40x. Perform microwave antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Immunocytochemistry/ Immunofluorescence: GluR2 Antibody (9R1X2) [GluR2] - Confocal imaging of paraffin-embedded Mouse brain tissue using GluR2 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). Objective: 40x. Perform microwave antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.





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Products Related to NBP3-15370-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-10653	GluR2 Overexpression Lysate

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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