

Product Datasheet

Glutamate Receptor 4 Antibody

NBP1-02312

Unit Size: 0.1 mg

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

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NBP1-02312

Glutamate Receptor 4 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat Glutamate Receptor 4 Antibody (NBP1-02312) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-Glutamate Receptor 4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	2893
Gene Symbol	GRIA4
Species	Human
Specificity/Sensitivity	This antibody is expected to recognize all reported isoforms (NP_000820.3; NP_001070711.1; NP_001070712.1). Reported variants NP_001070712.1 and NP_001106283.1 represent identical protein.
Immunogen	Peptide with sequence C-KKLDQREYPGSETP corresponding to internal region according to NP_001070711.1, NP_001070712.1.

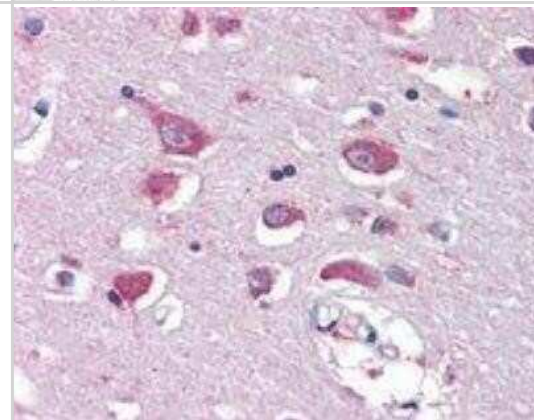
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 2 ug/mL, Immunohistochemistry 5 - 10 ug/mL, Immunohistochemistry-Paraffin 5 - 10 ug/mL, Peptide ELISA Detection limit 1:128000
Application Notes	WB: Approx. 90 kDa band observed in human brain (cerebellum) lysates (calculated MW of 99.2 kDa band according to NP_001070711.1). IHC-P: Human cortex shows cytoplasm staining of neuronal cells.

Images

Western Blot: Glutamate Receptor 4 Antibody [NBP1-02312] - Staining of Human Cerebellum lysate (35 ug protein in RIPA buffer). Antibody at 2 ug/mL. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Immunohistochemistry-Paraffin: Glutamate Receptor 4 Antibody [NBP1-02312] - Staining of paraffin embedded Human Cortex. Antibody at 5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Earnshaw BA, Bressloff PC. Biophysical model of AMPA receptor trafficking and its regulation during long-term potentiation/long-term depression. J Neurosci 2006-11-22 [PMID: 17122061]



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Products Related to NBP1-02312

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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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