

Product Datasheet

NMDAR2B Antibody (S59-20) NBP1-47608

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-47608

NMDAR2B Antibody (S59-20)

Product Information

Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	S59-20
Preservative	0.09% Sodium Azide
Isotype	IgG2a
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol

Product Description

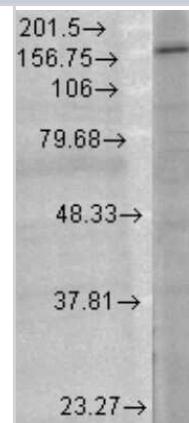
Host	Mouse
Gene ID	2904
Gene Symbol	GRIN2B
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects approx 166kDa. No cross-reactivity against NR2A.
Immunogen	Fusion protein amino acids 20-271 (N-terminus) of rat NR2B

Product Application Details

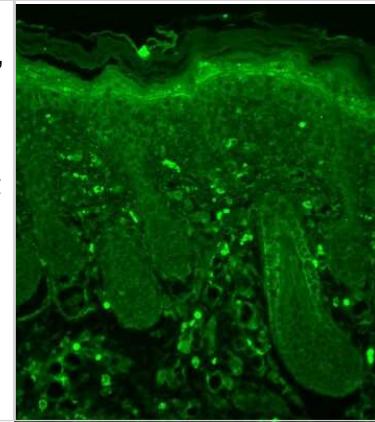
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Microarray
Recommended Dilutions	Western Blot 1-10 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:100, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 0.1-1.0 ug/ml, Microarray
Application Notes	1 ug/ml of GluN2B/NR2B Antibody was sufficient for detection of NR2B/GluN2B in 10 ug of rat brain lysate by colorimetric immunoblot analysis using goat anti-mouse IgG:HRP as the secondary Antibody.

Images

Western Blot: NMDAR2B Antibody (S59-20) [NBP1-47608] - analysis of Rat brain membrane lysate showing detection of GluN2B/NR2B protein using Mouse Anti-GluN2B/NR2B Monoclonal Antibody, Clone S59-20 . Load: 15 ug protein. Block: 1.5% BSA for 30 minutes at RT. Primary Antibody: Mouse Anti-GluN2B/NR2B Monoclonal Antibody at 1:1000 for 2 hours at RT. Secondary Antibody: Sheep Anti-Mouse IgG: HRP for 1 hour at RT.



Immunohistochemistry-Paraffin: NMDAR2B Antibody (S59-20) [NBP1-47608] - analysis using Mouse Anti-GluN2B/NR2B Monoclonal Antibody, Clone S59-20 . Tissue: backskin. Species: Mouse. Fixation: Bouins Fixative and paraffin-embedded. Primary Antibody: Mouse Anti-GluN2B/NR2B Monoclonal Antibody at 1:100 for 1 hour at RT. Secondary Antibody: FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at RT. Localization: Positive (dull) suprabasal staining in the epidermis and some hair follicle localization.





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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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