

Product Datasheet

Cav1.3 Antibody (S38-8)

NBP2-12894-0.025mg

Unit Size: 0.025 mg

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

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Cav1.3 Antibody (S38-8)

Product Information

Unit Size	0.025 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	S38-8
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol

Product Description

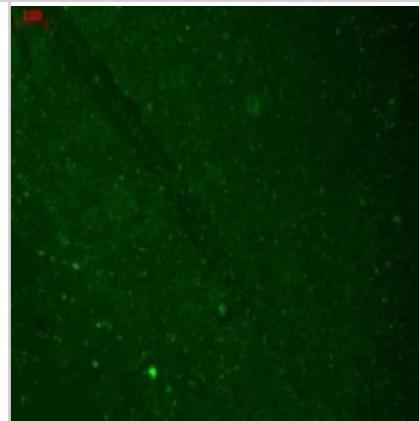
Host	Mouse
Gene ID	776
Gene Symbol	CACNA1D
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects approx 250kDa. No cross-reactivity against Cav1.2.
Immunogen	Fusion protein amino acids 2025-2161 of rat Cav1.3

Product Application Details

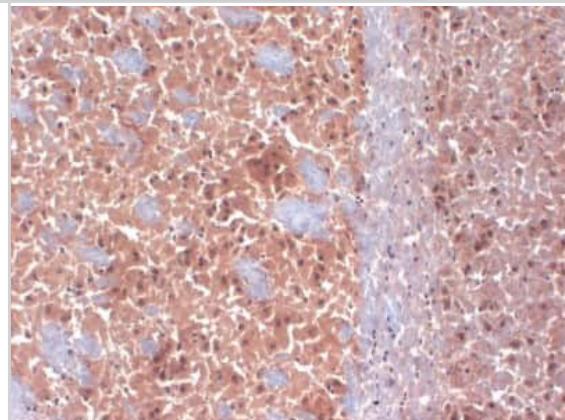
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, Microarray
Recommended Dilutions	Western Blot 1-10 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 0.1-1.0 ug/ml, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500, Microarray
Application Notes	1 ug/ml of Cav1.3 Antibody was sufficient for detection of Cav1.3 in 10 ug of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary Antibody.

Images

Immunocytochemistry/Immunofluorescence: Cav1.3 Antibody (S38-8) [NBP2-12894] - Human hippocampal tissues. Courtesy of Dr. Turksen, Ottawa Hospital Research Institute, Canada.



Immunohistochemistry-Frozen: Cav1.3 Antibody (S38-8) [NBP2-12894] - Tissue: frozen brain section. Species: mouse. Fixation: 10% Formalin Solution for 12-24 hours at RT. Primary Antibody: Mouse Anti-CaV1.3 Calcium channel Monoclonal Antibody at 1:1000 for 1 hour at RT. Secondary Antibody: HRP/DAB Detection System: Biotinylated Goat Anti-Mouse, Streptavidin Peroxidase, DAB Chromogen (brown) for 30 minutes at RT. Counterstain: Mayer Hematoxylin (purple/blue) nuclear stain at 250-500 ul for 5 minutes at RT.





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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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