

Product Datasheet

CACNA1G Antibody (S178A-9) - BSA Free NBP2-59322

Unit Size: 100 ug

Store at -20C.

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NBP2-59322

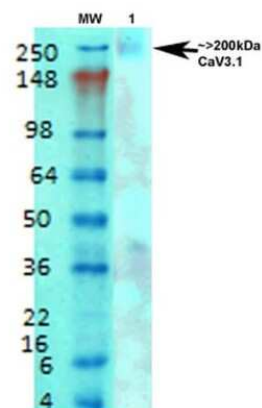
CACNA1G Antibody (S178A-9) - BSA Free

Product Information	
Unit Size	100 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C.
Clonality	Monoclonal
Clone	S178A-9
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol
Product Description	
Description	Novus Biologicals Mouse CACNA1G Antibody (S178A-9) - BSA Free (NBP2-59322) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	8913
Gene Symbol	CACNA1G
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Specificity/Sensitivity	Detects <200kDa. Does not cross-react with Cav3.2.
Immunogen	Fusion protein amino acids 2052-2172 (cytoplasmic C-terminus) of mouse Cav3.1
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100

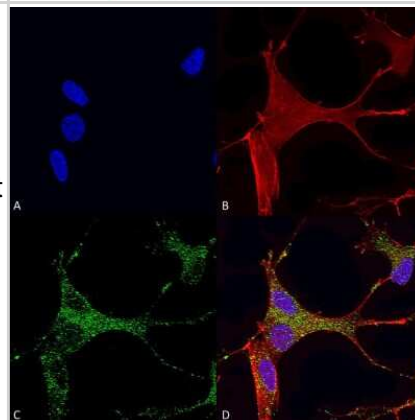


Images

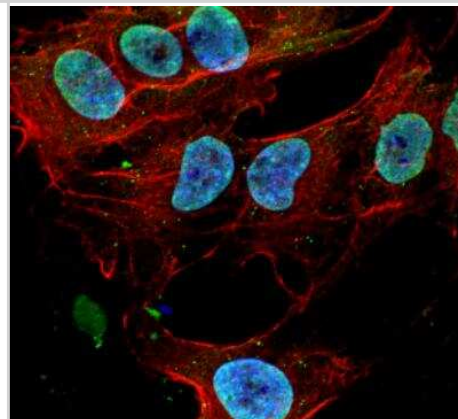
Western Blot: CACNA1G Antibody (S178A-9) [NBP2-59322] - Western Blot analysis of Rat brain membrane lysate showing detection of CACNA1G Calcium Channel protein using Mouse Anti-CACNA1G Calcium Channel Monoclonal Antibody, Clone S178A-9 (NBP2-59322). Primary Antibody: Mouse Anti-CACNA1G Calcium Channel Monoclonal Antibody (NBP2-59322) at 1:1000.



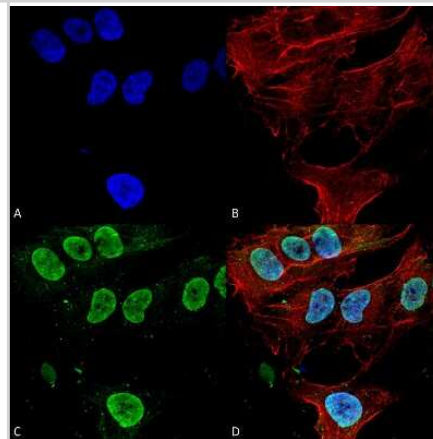
Immunocytochemistry/Immunofluorescence: CACNA1G Antibody (S178A-9) [NBP2-59322] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-CACNA1G Monoclonal Antibody, Clone S178A-9 (NBP2-59322). Tissue: Neuroblastoma cells (SH-SY5Y). Species: Human. Fixation: 4% PFA for 15 min. Primary Antibody: Mouse Anti-CACNA1G Monoclonal Antibody (NBP2-59322) at 1:50 for overnight at 4C with slow rocking. Secondary Antibody: AlexaFluor 488 at 1:1000 for 1 hour at RT. Counterstain: Phalloidin-iFluor 647 (red) F-Actin stain; Hoechst (blue) nuclear stain at 1:800, 1.6mM for 20 min at RT. (A) Hoechst (blue) nuclear stain. (B) Phalloidin-iFluor 647 (red) F-Actin stain. (C) CACNA1G Antibody (D) Composite.



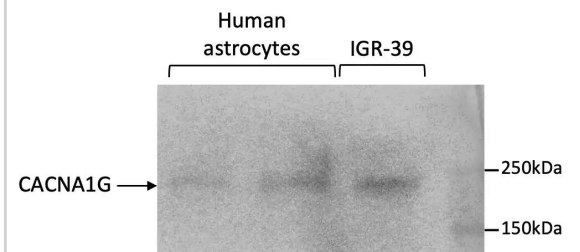
Immunocytochemistry/Immunofluorescence: CACNA1G Antibody (S178A-9) [NBP2-59322] - Tissue: SK-N-BE Cells (Human Neuroblastoma cells). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-Cav3.1 Monoclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:200 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60 min at RT, 5 min at RT. Localization: Cell Membrane, Membrane, Cytoplasm, Nucleoplasm. Magnification: 60X.



Immunocytochemistry/Immunofluorescence: CACNA1G Antibody (S178A-9) [NBP2-59322] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-CACNA1G Monoclonal Antibody, Clone S178A-9 (NBP2-59322). Tissue: Neuroblastoma cell line (SK-N-BE). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-CACNA1G Monoclonal Antibody (NBP2-59322) at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:200 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60 min at RT, 5 min at RT. Localization: Cell Membrane, Membrane, Cytoplasm, Nucleoplasm. Magnification: 60X. (A) DAPI (blue) nuclear stain. (B) Phalloidin Texas Red F-Actin stain. (C) CACNA1G Antibody. (D) Composite.



Western Blot: Mouse Monoclonal CACNA1G Antibody (S178A-9) [NBP2-59322] - Western blot using lysates from human primary astrocytes or IGR39 melanoma cell line. Image from a verified customer review.





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Products Related to NBP2-59322

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
292-G2-050	IGF-II/IGF2 [Unconjugated]

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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