

Product Datasheet

Stargazin Antibody (S245-36) - BSA Free NBP2-22411

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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NBP2-22411

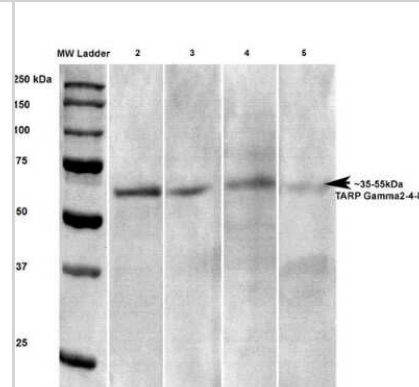
Stargazin Antibody (S245-36) - BSA Free

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	S245-36
Preservative	0.09% Sodium Azide
Isotype	IgG2a
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol
Product Description	
Description	Novus Biologicals Mouse Stargazin Antibody (S245-36) - BSA Free (NBP2-22411) is a monoclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	10369
Gene Symbol	CACNG2
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects approx 35-55kDa. Does not cross-react with TARPGamma3.
Immunogen	Fusion protein amino acids 203-323 (Cytoplasmic C-terminus) of rat TARPGamma2
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:100
Application Notes	1 ug/ml of TARP Gamma2/4/8 (Stargazin) Antibody was sufficient for detection of TARP Gamma2/4/8 in 20 ug of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary Antibody.

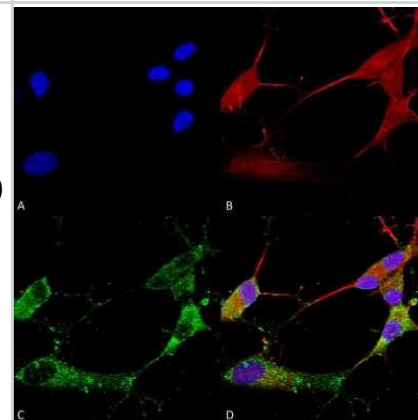


Images

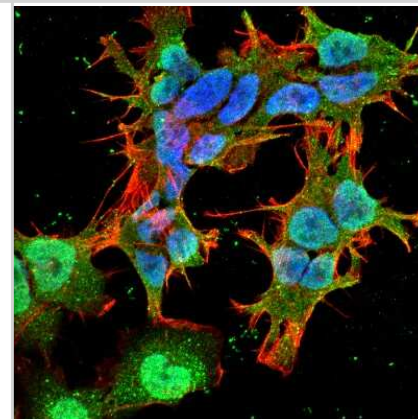
Western Blot: Stargazin Antibody (S245-36) [NBP2-22411] - Western Blot analysis of Rat brain lysates showing detection of Stargazin/Calcium Channel protein using Mouse Anti-Stargazin/Calcium Channel Monoclonal Antibody, Clone S245-36 (NBP2-22411). Primary Antibody: Mouse Anti-Stargazin/Calcium Channel Monoclonal Antibody (NBP2-22411) at 1:100, 1:250, 1:500, and 1:1000.



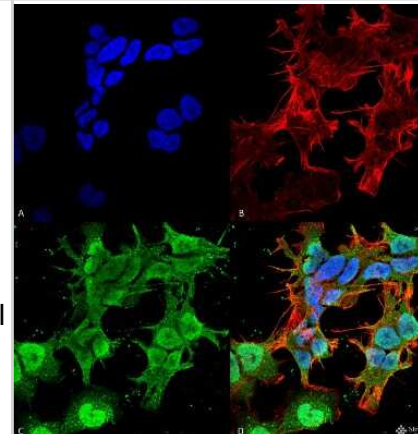
Immunocytochemistry/Immunofluorescence: Stargazin Antibody (S245-36) [NBP2-22411] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-TARP Gamma2/4/8 (Stargazin) Monoclonal Antibody, Clone S245-36 (NBP2-22411). Tissue: Neuroblastoma cells (SH-SY5Y). Species: Human. Fixation: 4% PFA for 15 min. Primary Antibody: Mouse Anti-TARP Gamma2/4/8 (Stargazin) Monoclonal Antibody (NBP2-22411) at 1:100 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) TARP Gamma2/4/8 (Stargazin) Antibody (D) Composite.



Immunocytochemistry/Immunofluorescence: Stargazin Antibody (S245-36) [NBP2-22411] - Tissue: Neuroblastoma cell line SK-N-BE. Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-TARP Gamma2/4/8 (Stargazin) Monoclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:100 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60min RT, 5min RT. Localization: Cell Membrane, Nucleus. Magnification: 60X.



Immunocytochemistry/Immunofluorescence: Stargazin Antibody (S245-36) [NBP2-22411] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-TARP Gamma2/4/8 (Stargazin) Monoclonal Antibody, Clone S245-36 (NBP2-22411). Tissue: Neuroblastoma cell line (SK-N-BE). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-TARP Gamma2/4/8 (Stargazin) Monoclonal Antibody (NBP2-22411) at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:100 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60min RT, 5min RT. Localization: Cell Membrane, Nucleus. Magnification: 60X. (A) DAPI (blue) nuclear stain. (B) Phalloidin Texas Red F-Actin stain. (C) TARP Gamma2/4/8 (Stargazin) Antibody. (D) Composite.





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Products Related to NBP2-22411

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
DBD00	BDNF [HRP]

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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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