

Product Datasheet

VGCNL1 Antibody (S187-7)

NBP2-22410

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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NBP2-22410

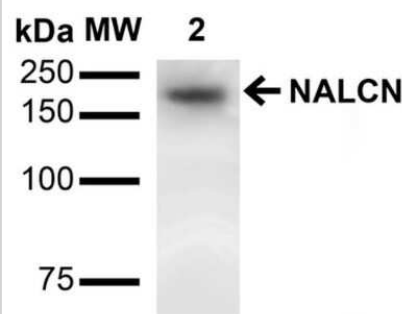
VGCNL1 Antibody (S187-7)

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	S187-7
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol
Product Description	
Host	Mouse
Gene ID	259232
Gene Symbol	NALCN
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects approx 200kDa.
Immunogen	Fusion protein amino acids 1659-1738 (cytoplasmic C-terminus) of rat NALCN
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:100
Application Notes	1 ug/ml of NALCN Antibody was sufficient for detection of NALCN in 20 ug of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary Antibody.

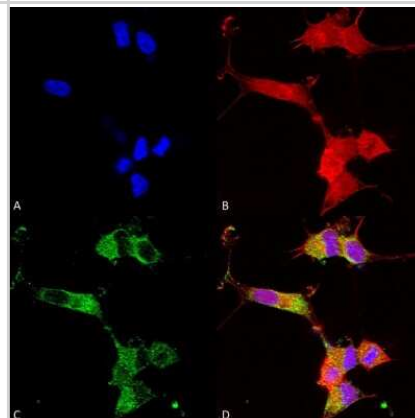


Images

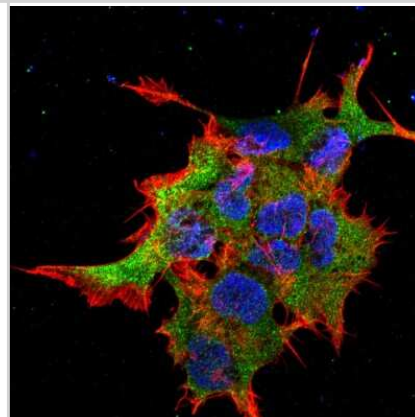
Western Blot: VGCNL1 Antibody (S187-7) [NBP2-22410] - Western Blot analysis of Rat Brain showing detection of ~200 kDa VGCNL1 protein using Mouse Anti-VGCNL1 Monoclonal Antibody, Clone S187-7 (NBP2-22410). Lane 1: Molecular Weight (MW) Ladder. Lane 3: Rat Brain Membrane. Load: 15 ug. Block: 2% BSA and 2% Skim Milk in 1X TBST. Primary Antibody: Mouse Anti-VGCNL1 Monoclonal Antibody (NBP2-22410) at 1:1000 for 16 hours at 4C. Secondary Antibody: Goat Anti-Mouse IgG: HRP at 1:2000 for 60 min at RT. Color Development: ECL solution for 6 min at RT. Predicted/Observed Size: ~200 kDa.



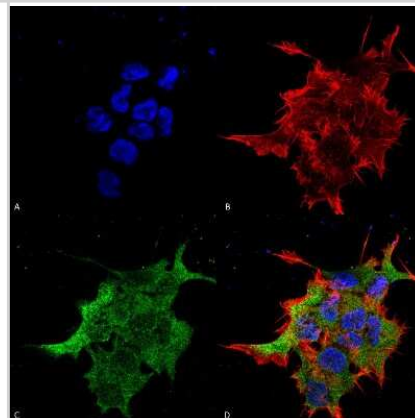
Immunocytochemistry/Immunofluorescence: VGCNL1 Antibody (S187-7) [NBP2-22410] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-VGCNL1 Monoclonal Antibody, Clone S187-7 (NBP2-22410). Tissue: Neuroblastoma cells (SH-SY5Y). Species: Human. Fixation: 4% PFA for 15 min. Primary Antibody: Mouse Anti-VGCNL1 Monoclonal Antibody (NBP2-22410) 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) VGCNL1 Antibody (D) Composite.



Immunocytochemistry/Immunofluorescence: VGCNL1 Antibody (S187-7) [NBP2-22410] - Tissue: Neuroblastoma cell line SK-N-BE. Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-NALCN 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: Membrane. Magnification: 60X.



Immunocytochemistry/Immunofluorescence: VGCNL1 Antibody (S187-7) [NBP2-22410] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-VGCNL1 Monoclonal Antibody, Clone S187-7 (NBP2-22410). Tissue: Neuroblastoma cell line (SK-N-BE). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-VGCNL1 Monoclonal Antibody (NBP2-22410) 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: Membrane. Magnification: 60X. (A) DAPI (blue) nuclear stain. (B) Phalloidin Texas Red F-Actin stain. (C) VGCNL1 Antibody. (D) Composite.





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Products Related to NBP2-22410

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)
NBP1-90026PEP	VGCNL1 Recombinant Protein Antigen

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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