Product Datasheet

VGCNL1 Antibody (S187-7) - BSA Free
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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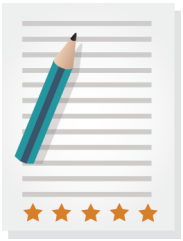


NBP2-22410

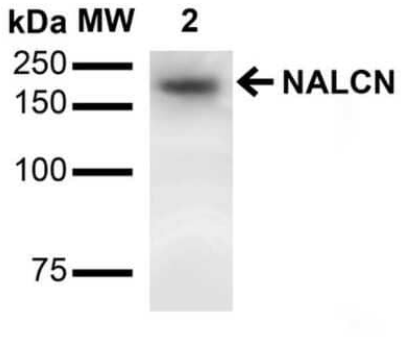
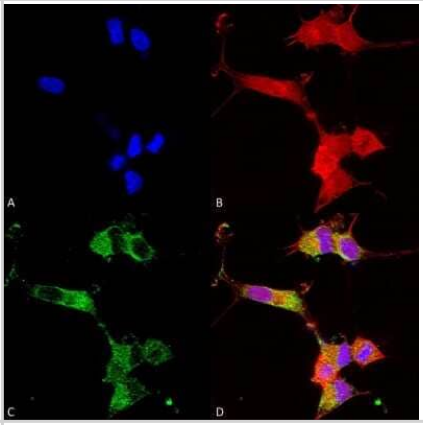
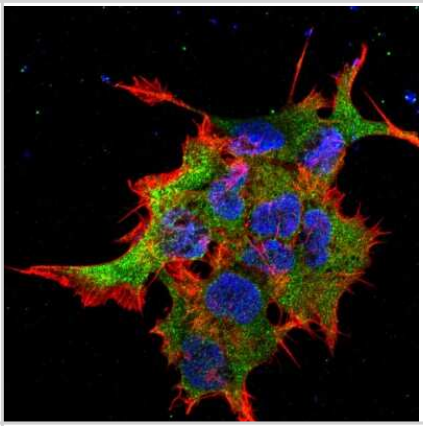
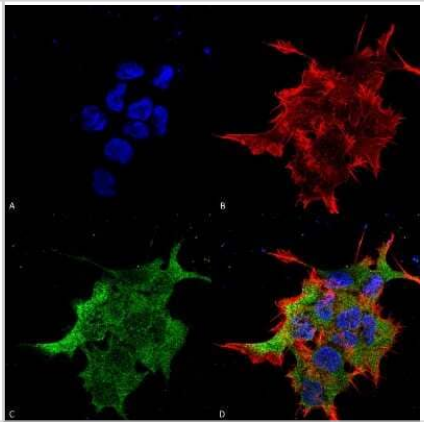
VGCNL1 Antibody (S187-7) - BSA Free

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	S187-7
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol

Product Description	
Description	Novus Biologicals Mouse VGCNL1 Antibody (S187-7) - BSA Free (NBP2-22410) 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	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 asthe secondary Antibody.

Images

Western Blot: VGCNL1 Antibody (S187-7) [NBP2-22410] - Western Blot analysis of Rat Brain showing detection of ~200 kDa VGCNL1protein using Mouse Anti-VGCNL1Monoclonal 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-VGCNL1Monoclonal 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-VGCNL1Monoclonal Antibody, Clone S187-7 (NBP2-22410). Tissue: Neuroblastoma cells (SH-SY5Y). Species: Human. Fixation: 4% PFA for 15 min. Primary Antibody: Mouse Anti-VGCNL1Monoclonal 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) VGCNL1Antibody (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-VGCNL1Monoclonal 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-VGCNL1Monoclonal 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) VGCNL1Antibody. (D) Composite.	

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Products Related to NBP2-22410

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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