

Product Datasheet

SLC38A1 Antibody (S104-32) - BSA Free NBP2-59311

Unit Size: 100 ug

Store at -20C.

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Publications: 2

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NBP2-59311

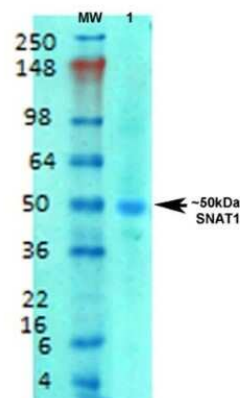
SLC38A1 Antibody (S104-32) - BSA Free

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	S104-32
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol
Product Description	
Description	Novus Biologicals Mouse SLC38A1 Antibody (S104-32) - BSA Free (NBP2-59311) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-SLC38A1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	81539
Gene Symbol	SLC38A1
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects 50kDa.
Immunogen	Fusion protein amino acids 1- 63 of rat SNAT1
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence

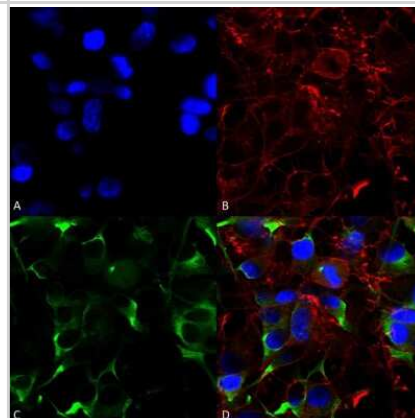


Images

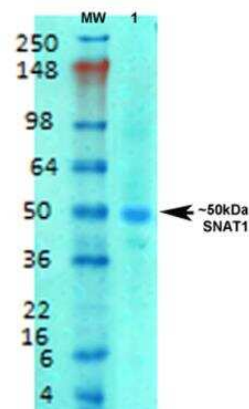
Western Blot: SLC38A1 Antibody (S104-32) [NBP2-59311] - Western Blot analysis of Rat brain membrane lysate showing detection of SLC38A1 protein using Mouse Anti-SLC38A1 Monoclonal Antibody, Clone S104-32 (NBP2-59311). Primary Antibody: Mouse Anti-SLC38A1 Monoclonal Antibody (NBP2-59311) at 1:1000.



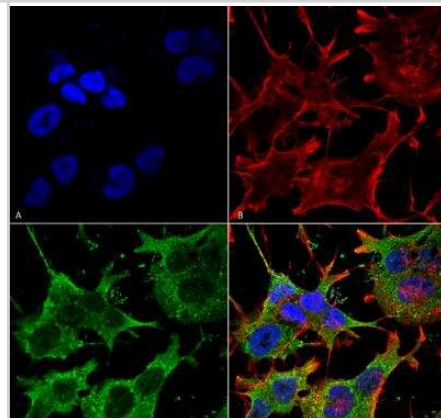
Immunocytochemistry/Immunofluorescence: SLC38A1 Antibody (S104-32) [NBP2-59311] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-SNAT1 Monoclonal Antibody, Clone S104-32 (NBP2-59311). Tissue: Neuroblastoma cells (SH-SY5Y). Species: Human. Fixation: 4% PFA for 15 min. Primary Antibody: Mouse Anti-SNAT1 Monoclonal Antibody (NBP2-59311) at 1:200 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) SNAT1 Antibody (D) Composite.



Western Blot: SLC38A1 Antibody (S104-32) [NBP2-59311] - Analysis of Rat brain membrane lysate showing detection of SLC38A1 protein using Mouse Anti-SLC38A1 Monoclonal Antibody, Clone S104-32. Primary Antibody: Mouse Anti-SLC38A1 Monoclonal Antibody at 1:1000.



Immunocytochemistry/Immunofluorescence: SLC38A1 Antibody (S104-32) [NBP2-59311] - Tissue: Neuroblastoma cell line SK-N-BE. Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-SNAT1 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. Magnification: 60X. (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) SNAT1 Antibody (D) Composite.



Publications

Barroso E, Díaz M, Reguera AC et al. CHOP upregulation and dysregulation of the mature form of the SNAT2 amino acid transporter in the placentas from small for gestational age newborns Cell communication and signaling : CCS 2023-11-13 [PMID: 37957724] (WB, Human)

Davidson-Hunt A Supplemental glutamine to restore glutathione homeostasis in the aging mouse liver Thesis 2022-01-01 (WB, Mouse)

Details:

Dilution used in WB 1:500



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Products Related to NBP2-59311

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)
NBP2-13336PEP	SLC38A1 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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