

Product Datasheet

CLCN3 Antibody (S258-5) - BSA Free NBP2-59379

Unit Size: 100 ug

Store at -20C.

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NBP2-59379

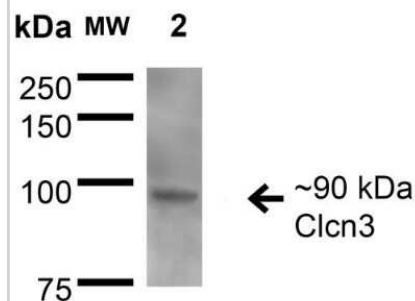
CLCN3 Antibody (S258-5) - BSA Free

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	S258-5
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol
Product Description	
Description	Novus Biologicals Mouse CLCN3 Antibody (S258-5) - BSA Free (NBP2-59379) 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	1182
Gene Symbol	CLCN3
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects 90kDa. Does not cross-react with Clcn4 or Clcn5 (based on KO validation results).
Immunogen	Synthetic peptide amino acids 98-115 (cytoplasmic N-terminus) of rat Clcn3
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:1000, Immunocytochemistry/ Immunofluorescence 1:100

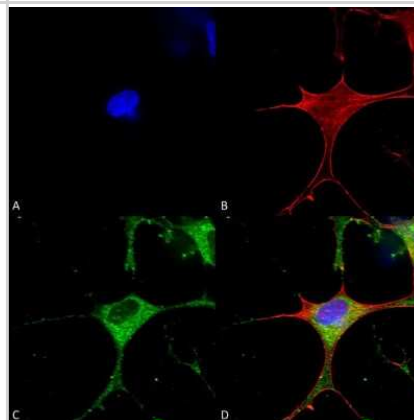


Images

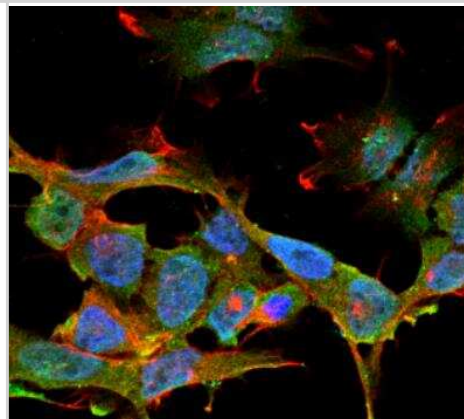
Western Blot: CLCN3 Antibody (S258-5) [NBP2-59379] - Western Blot analysis of Rat Brain Membrane showing detection of ~90 kDa Clcn3 protein using Mouse Anti-Clcn3 Monoclonal Antibody, Clone S258-5 (NBP2-59379). Lane 1: Molecular Weight Ladder. Lane 2: Rat Brain Membrane. Load: 15 ug. Block: 2% BSA and 2% Skim Milk in 1X TBST. Primary Antibody: Mouse Anti-Clcn3 Monoclonal Antibody (NBP2-59379) at 1:200 for 16 hours at 4C. Secondary Antibody: Goat Anti-Mouse IgG: HRP at 1:1000 for 1 hour RT. Color Development: ECL solution for 6 min in RT. Predicted/Observed Size: ~90 kDa.



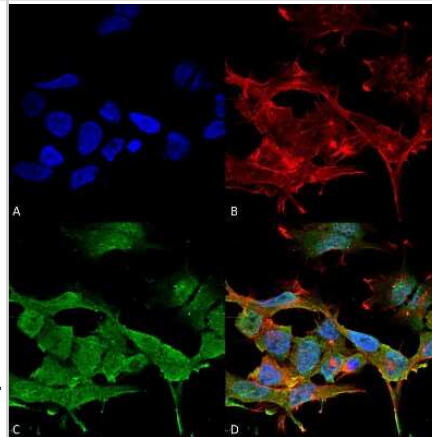
Immunocytochemistry/Immunofluorescence: CLCN3 Antibody (S258-5) [NBP2-59379] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-Clcn3 Monoclonal Antibody, Clone S258-5 (NBP2-59379). Tissue: Neuroblastoma cells (SH-SY5Y). Species: Human. Fixation: 4% PFA for 15 min. Primary Antibody: Mouse Anti-Clcn3 Monoclonal Antibody (NBP2-59379) 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) Clcn3 Antibody (D) Composite.



Immunocytochemistry/Immunofluorescence: CLCN3 Antibody (S258-5) [NBP2-59379] - Tissue: Neuroblastoma cell line SK-N-BE. Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-Clcn3 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, Endosome, Endosome membrane, Cytoplasmic Vesicle, Secretory Vesicle Membrane. Magnification: 60X.



Immunocytochemistry/Immunofluorescence: CLCN3 Antibody (S258-5) [NBP2-59379] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-Clcn3 Monoclonal Antibody, Clone S258-5 (NBP2-59379). Tissue: Neuroblastoma cell line (SK-N-BE). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-Clcn3 Monoclonal Antibody (NBP2-59379) 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, Endosome, Endosome membrane, Cytoplasmic Vesicle, Secretory Vesicle Membrane. Magnification: 60X. (A) DAPI (blue) nuclear stain. (B) Phalloidin Texas Red F-Actin stain. (C) Clcn3 Antibody. (D) Composite.





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Products Related to NBP2-59379

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)
H00001182-Q01-10ug	Recombinant Human CLCN3 GST (N-Term) Protein

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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