

Product Datasheet

Ankyrin 3 Antibody (S106-20) - BSA Free NBP2-59310

Unit Size: 100 ug

Store at -20C.

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Publications: 2

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NBP2-59310

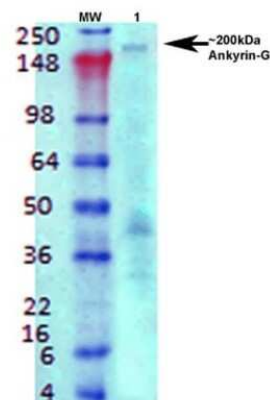
Ankyrin 3 Antibody (S106-20) - BSA Free

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	S106-20
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol
Product Description	
Description	Novus Biologicals Mouse Ankyrin 3 Antibody (S106-20) - BSA Free (NBP2-59310) is a monoclonal antibody validated for use in WB and ICC/IF. Anti-Ankyrin 3 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	288
Gene Symbol	ANK3
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects >200kDa.
Immunogen	Fusion protein 1000 C-terminal amino acids of human Ankyrin 3 (also known as ANK-3 or Ankyrin G) encompassing all of Ankyrin 3 with the exception of Ankyrin repeats.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:100

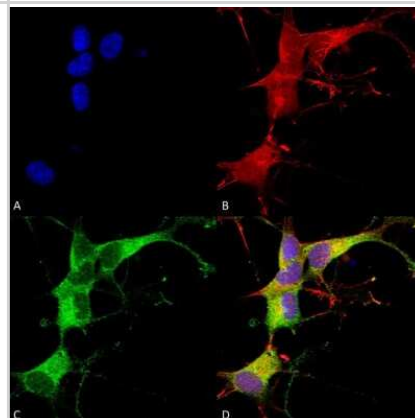


Images

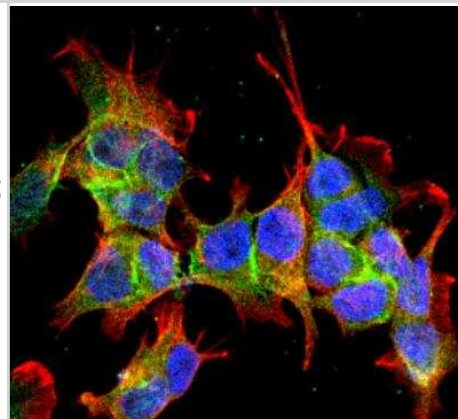
Western Blot: Ankyrin 3 Antibody (S106-20) [NBP2-59310] - Western Blot analysis of Rat brain membrane lysate showing detection of Ankyrin 3 protein using Mouse Anti-Ankyrin 3 Monoclonal Antibody, Clone S106-20 (NBP2-59310). Primary Antibody: Mouse Anti-Ankyrin 3 Monoclonal Antibody (NBP2-59310) at 1:1000.



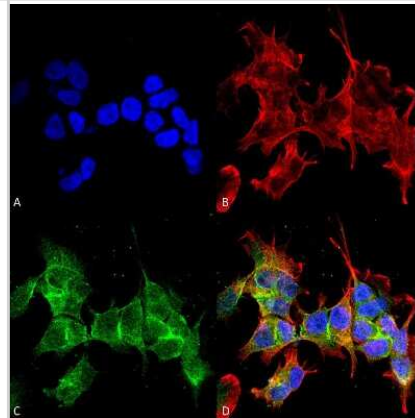
Immunocytochemistry/Immunofluorescence: Ankyrin 3 Antibody (S106-20) [NBP2-59310] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-Ankyrin 3 Monoclonal Antibody, Clone S106-20 (NBP2-59310). Tissue: Neuroblastoma cells (SH-SY5Y). Species: Human. Fixation: 4% PFA for 15 min. Primary Antibody: Mouse Anti-Ankyrin 3 Monoclonal Antibody (NBP2-59310) 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) Ankyrin 3 Antibody (D) Composite.



Immunocytochemistry/Immunofluorescence: Ankyrin 3 Antibody (S106-20) [NBP2-59310] - Tissue: SK-N-BE Cells (Human Neuroblastoma cells). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-Ankyrin G Monoclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:200 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60 min at RT, 5 min at RT. Localization: Cytoplasm. Magnification: 60X.



Immunocytochemistry/Immunofluorescence: Ankyrin 3 Antibody (S106-20) [NBP2-59310] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-Ankyrin 3 Monoclonal Antibody, Clone S106-20 (NBP2-59310). Tissue: Neuroblastoma cell line (SK-N-BE). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-Ankyrin 3 Monoclonal Antibody (NBP2-59310) at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:200 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60 min at RT, 5 min at RT. Localization: Cytoplasm. Magnification: 60X. (A) DAPI (blue) nuclear stain. (B) Phalloidin Texas Red F-Actin stain. (C) Ankyrin 3 Antibody. (D) Composite.



Publications

Radler MR, Liu X, Peng M et al. Pyramidal neuron morphogenesis requires a septin network that stabilizes filopodia and suppresses lamellipodia during neurite initiation *Current biology* : CB 2022-12-12 [PMID: 36538929]

Devlin L Proteomic Profiling of the Oncogenic Septin 9 Reveals Isoform-Specific Interactions and Functions in Breast Cancer Cells Drexel University 2022-03-03 [PMID: 34409731]





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Products Related to NBP2-59310

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)
H00006326-Q01-10ug	Recombinant Human SCN2A 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.

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