

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

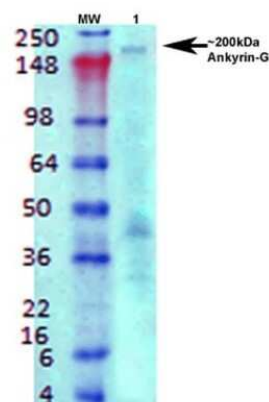
Ankyrin 3 Antibody (S106-20) - BSA Free

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

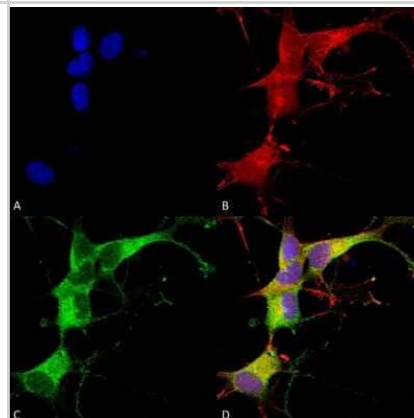


Images

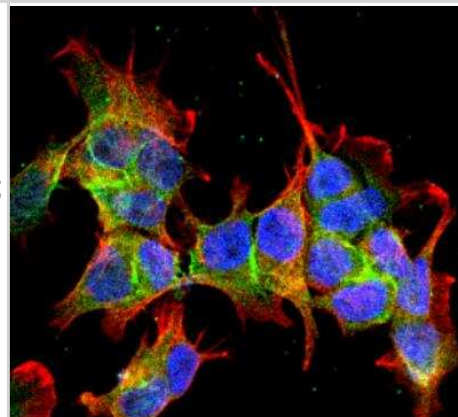
Western Blot: Ankyrin 3 Antibody (S106-20) [NBP2-59310] - Western Blot analysis of Rat brain membrane lysate showing detection of Ankyrin 3 protein using Mouse Anti-Ankyrin 3 Monoclonal Antibody, Clone S106-20 (NBP2-59310). Primary Antibody: Mouse Anti-Ankyrin 3 Monoclonal Antibody (NBP2-59310) at 1:1000.



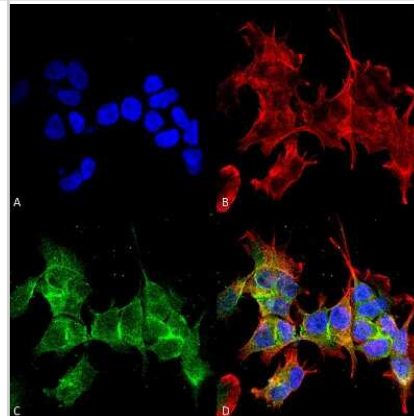
Immunocytochemistry/Immunofluorescence: Ankyrin 3 Antibody (S106-20) [NBP2-59310] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-Ankyrin 3 Monoclonal Antibody, Clone S106-20 (NBP2-59310). Tissue: Neuroblastoma cells (SH-SY5Y). Species: Human. Fixation: 4% PFA for 15 min. Primary Antibody: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

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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