

Product Datasheet

SHANK2 Antibody (N23b/49) - BSA Free NBP2-12913

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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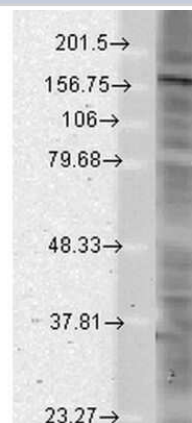
NBP2-12913

SHANK2 Antibody (N23b/49) - BSA Free

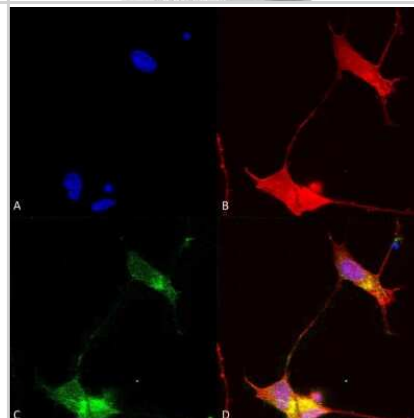
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	N23b/49
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol
Product Description	
Description	Novus Biologicals Mouse SHANK2 Antibody (N23b/49) - BSA Free (NBP2-12913) is a monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	22941
Gene Symbol	SHANK2
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects approx 160kDa. Recognizes Shank1, 2 and 3.
Immunogen	Fusion protein amino acids 84-309 of rat Shank2
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Microarray
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:1000, Immunocytochemistry/Immunofluorescence 1:100, Immunoprecipitation, Immunohistochemistry-Paraffin 0.1-1.0 ug/ml, Microarray
Application Notes	1 ug/ml of SHANK (pan) Antibody was sufficient for detection of Shank1-4 in 10 ug of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary Antibody.

Images

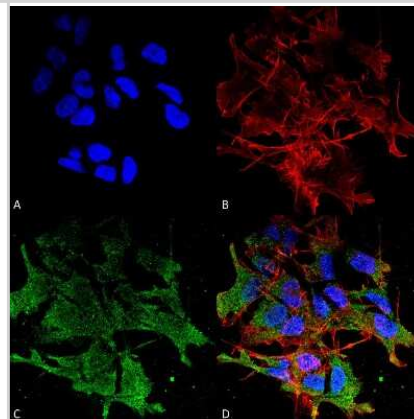
Western Blot: SHANK2 Antibody (N23b/49) [NBP2-12913] - Western Blot analysis of Rat brain membrane lysate showing detection of SHANK2 protein using Mouse Anti-SHANK2 Monoclonal Antibody, Clone S23b-49 (NBP2-12913). Load: 15 ug. Block: 1.5% BSA for 30 minutes at RT. Primary Antibody: Mouse Anti-SHANK2 Monoclonal Antibody (NBP2-12913) at 1:1000 for 2 hours at RT. Secondary Antibody: Sheep Anti-Mouse IgG: HRP for 1 hour at RT.



Immunocytochemistry/Immunofluorescence: SHANK2 Antibody (N23b/49) [NBP2-12913] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-SHANK2 (pan) Monoclonal Antibody, Clone S23b-49 (NBP2-12913). Tissue: Neuroblastoma cells (SH-SY5Y). Species: Human. Fixation: 4% PFA for 15 min. Primary Antibody: Mouse Anti-SHANK2 (pan) Monoclonal Antibody (NBP2-12913) 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) SHANK2 (pan) Antibody (D) Composite.



Immunocytochemistry/Immunofluorescence: SHANK2 Antibody (N23b/49) [NBP2-12913] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-SHANK2 (pan) Monoclonal Antibody, Clone S23b-49 (NBP2-12913). Tissue: Neuroblastoma cell line (SK-N-BE). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-SHANK2 (pan) Monoclonal Antibody (NBP2-12913) 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) SHANK2 (pan) Antibody. (D) Composite.





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Products Related to NBP2-12913

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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