

Product Datasheet

SHANK3 Antibody NBP3-13162

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-13162**SHANK3 Antibody**

Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol, 1% BSA

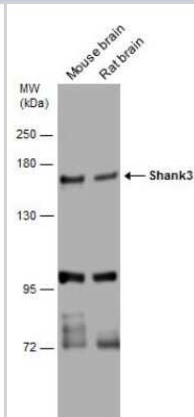
Product Description	
Description	Centrifuge briefly prior to opening.
Host	Rabbit
Gene ID	85358
Gene Symbol	SHANK3
Species	Mouse, Rat
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of mouse SHANK3. The exact sequence is proprietary.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen

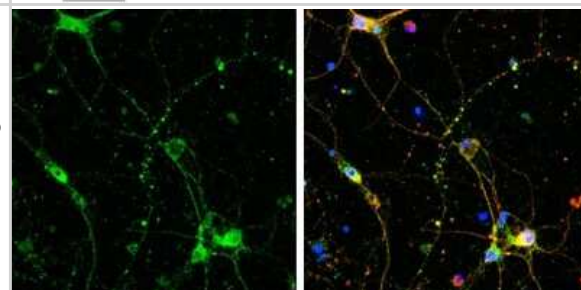


Images

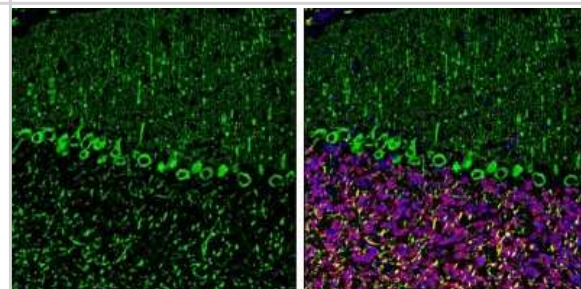
Western Blot: SHANK3 Antibody [NBP3-13162] - Various tissue extracts (75 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Shank3 antibody (NBP3-13162) diluted at 1:1000.



Immunocytochemistry/Immunofluorescence: SHANK3 Antibody [NBP3-13162] - SHANK3 antibody detects SHANK3 protein at cell body and synaptic vesicles by immunofluorescent analysis. Sample: DIV9 rat E18 primary cortical neurons were fixed in 4% paraformaldehyde at RT for 15 min. Green: SHANK3 protein stained by SHANK3 antibody (NBP3-13162) diluted at 1:500. Red: beta Tubulin 3/ Tuj1, a neuron cell marker, stained by beta Tubulin 3/ Tuj1 antibody [GT11710] (NBP2-43559) diluted at 1:500. Blue: Fluoroshield with DAPI.



Immunohistochemistry-Frozen: SHANK3 Antibody [NBP3-13162] - SHANK3 antibody detects SHANK3 protein expression by immunohistochemical analysis. Sample: Frozen-sectioned adult mouse cerebellum. Green: SHANK3 protein stained by SHANK3 antibody (NBP3-13162) diluted at 1:250. Red: NeuN, stained by NeuN antibody [2Q158] diluted at 1:500. Blue: Fluoroshield with DAPI.





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Products Related to NBP3-13162

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB300-556	PSD-95 Antibody (6G6-1C9) - BSA Free

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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