

Product Datasheet

SHANK3 Antibody - Azide and BSA Free NBP1-46768

Unit Size: 0.5 mg

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

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NBP1-46768

SHANK3 Antibody - Azide and BSA Free

Product Information	
Unit Size	0.5 mg
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute 0.5 mg size in 0.5 ml of sterile water. Centrifuge to remove any insoluble material. Glycerol may be added (1:1) for additional stability. Please note the 0.1 mg size is provided in reconstituted format.
Isotype	IgG
Purity	Ammonium sulfate precipitation
Buffer	Sterilized water
Target Molecular Weight	186 kDa

Product Description	
Description	Novus Biologicals Rabbit SHANK3 Antibody - Azide and BSA Free (NBP1-46768) is a polyclonal antibody validated for use in IHC and WB. Anti-SHANK3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	85358
Gene Symbol	SHANK3
Species	Human, Mouse, Rat
Reactivity Notes	The antigen shares 97% identity with rat and mouse sequence.
Immunogen	A synthetic peptide from human SHANK3 conjugated to blue carrier protein was used as the antigen.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 10-50 ug/ml, Immunohistochemistry 10-50 ug/ml, Immunohistochemistry-Paraffin 10-50 ug/ml, Immunohistochemistry-Frozen 10-50 ug/ml

Publications

Zhang X, Li X, Wang H et al. Shank3 contributes to neuropathic pain by facilitating the SNI-dependent increase of HCN2 and the expression of PSD95 *Neurosci. Res.* 2020-05-23 [PMID: 32454040] (IHC-Fr, Rat)

Kawada K, Saito R, Mimori S et al. Regulation of neural differentiation and synaptogenic factors by silencing of ubiquitin ligase Dorfin *Glob Drugs Therap* 2017-12-27 (IB, Mouse)





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Products Related to NBP1-46768

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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