

Product Datasheet

SHANK3 Antibody - BSA Free

NBP2-41171

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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Updated 9/9/2025 v.20.1

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NBP2-41171

SHANK3 Antibody - 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	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS

Product Description

Description	Novus Biologicals Rabbit SHANK3 Antibody - BSA Free (NBP2-41171) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. 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
Specificity/Sensitivity	At least three alternatively spliced transcript isoforms of SHANK3 are known to exist.
Immunogen	Antibody was raised against a 19 amino acid synthetic peptide near the center of human SHANK3. The immunogen is located within amino acids 890 - 940 of SHANK3. Amino Acid Sequence: APRPPPAATPPERPKRRPR

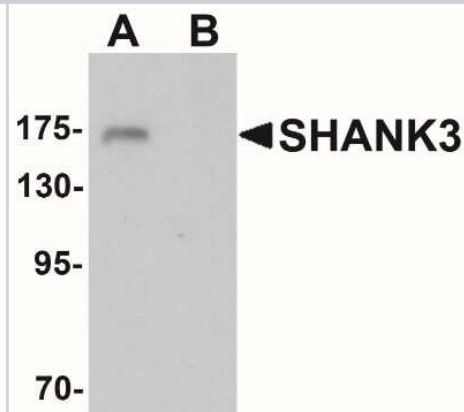
Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/mL, ELISA, Immunohistochemistry 2.5 ug/mL, Immunocytochemistry/ Immunofluorescence 2.5 ug/mL, Immunohistochemistry-Paraffin 2.5 ug/ml

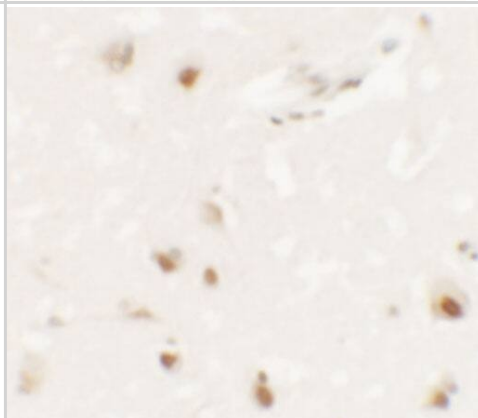


Images

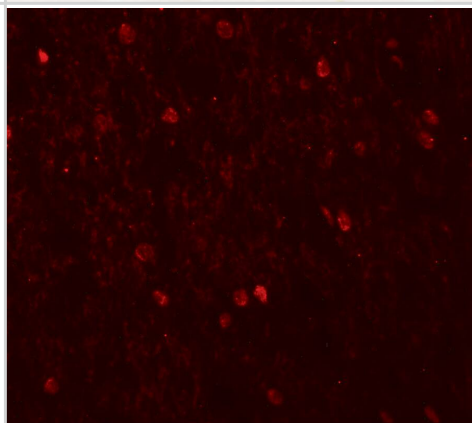
Western Blot: SHANK3 Antibody [NBP2-41171] - Western blot analysis of SHANK3 in 3T3 cell lysate with SHANK3 antibody at 1 ug/ml in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry: SHANK3 Antibody - BSA Free [NBP2-41171] - Immunohistochemistry of SHANK3 in human brain tissue with SHANK3 antibody at 2.5 ug/mL.



Immunocytochemistry/ Immunofluorescence: SHANK3 Antibody - BSA Free [NBP2-41171] - Immunofluorescence of SHANK3 in human brain tissue with SHANK3 antibody at 20 ug/mL.



Publications

Guerra M, Medici V, Weatheritt R et al. Fetal exposure to valproic acid dysregulates the expression of autism-linked genes in the developing cerebellum Translational psychiatry 2023-04-05 [PMID: 37019889] (WB, Mouse)



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Products Related to NBP2-41171

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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