

# Product Datasheet

## SHANK1 Antibody - BSA Free NB300-166

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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**NB300-166**

SHANK1 Antibody - BSA Free

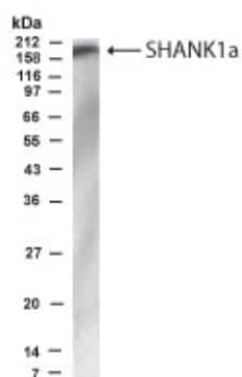
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS

Product Description	
Host	Rabbit
Gene ID	50944
Gene Symbol	SHANK1
Species	Human, Mouse, Rat
Reactivity Notes	Reacts with human and rat Shank1a. Does not react with mouse Shank1a.
Marker	TGN Marker
Specificity/Sensitivity	Reacts with residues [ERLLREYPQSFEKGV] of the N terminus of the rat Shank1a protein.
Immunogen	A synthetic peptide made to an N terminal portion of human SHANK1 protein (between residues 110-160) [UniProt Q9Y566]

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:500 -1:1000

**Images**

Western Blot: SHANK1 Antibody [NB300-166] - Western blot analysis of SHANK1 in rat brain lysate using NB300-166 at 1:500 dilution.

**Publications**

Schmeisser MJ, Ey E, Wegener S, Bockmann J et al. Autistic-like behaviours and hyperactivity in mice lacking ProSAP1/Shank2. Nature 2012-01-01 [PMID: 22699619] (WB, Mouse)



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### **Products Related to NB300-166**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-87016PEP	SHANK1 Recombinant Protein Antigen

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### **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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