

Datasheet for ABIN726337

**anti-SHANK1 antibody (AA 101-200) (Biotin)**[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	SHANK1
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SHANK1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Shank1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat
Purification:	Purified by Protein A.

## Target Details

Target:	SHANK1
Alternative Name:	SHANK 1 ( <a href="#">SHANK1 Products</a> )
Background:	Synonyms: SSTRIP, SPANK-1, synamon, SH3 and multiple ankyrin repeat domains protein 1,

## Target Details

Shank1, Somatostatin receptor-interacting protein, SSTR-interacting protein

Background: Seems to be an adapter protein in the postsynaptic density (PSD) of excitatory synapses that interconnects receptors of the postsynaptic membrane including NMDA-type and metabotropic glutamate receptors via complexes with GKAP/PSD-95 and Homer, respectively, and the actin-based cytoskeleton. Plays a role in the structural and functional organization of the dendritic spine and synaptic junction.

Gene ID:	50944
UniProt:	<a href="#">Q9Y566</a>
Pathways:	<a href="#">Synaptic Membrane</a> , <a href="#">Maintenance of Protein Location</a>

## Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months