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Datasheet for ABIN7075586  
**anti-SHANK2 antibody**

1 Image

### Overview

Quantity:	100 µL
Target:	SHANK2
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SHANK2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

### Product Details

Immunogen:	Recombinant protein corresponding to Mouse SHANK2
Cross-Reactivity:	Rat
Purification:	Affinity purification

### Target Details

Target:	SHANK2
Alternative Name:	SHANK2 ( <a href="#">SHANK2 Products</a> )
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, and the actin-based cytoskeleton. May play a role in the structural and functional organization of the dendritic spine and synaptic junction.
Gene ID:	210274

## Target Details

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UniProt: [Q80Z38](#)

## Application Details

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Application Notes: IHC/IF (R) 1:300-1:900

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: PBS, pH 7.4, 0.02 % sodium azide

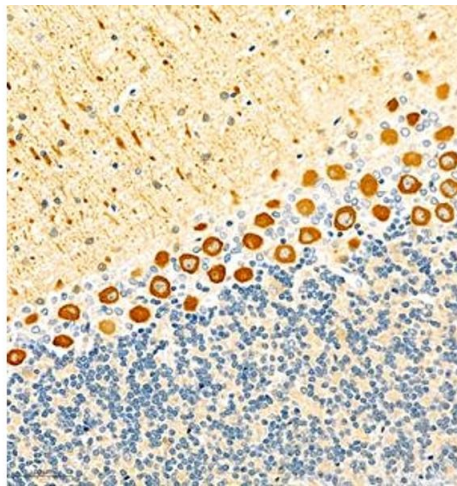
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

## Images

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### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin embedded rat cerebellum using Shank2 (ABIN7075586) at dilution of 1:300 (250x lens)