

Datasheet for ABIN1742346

anti-SHANK2 antibody (AA 1042-1475)[Go to Product page](#)**3** Images

Overview

Quantity:	200 µL
Target:	SHANK2
Binding Specificity:	AA 1042-1475
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein (aa 1042-1475 of rat shank 2).
Specificity:	Specific for shank 2.
Purification:	antiserum

Target Details

Target:	SHANK2
Alternative Name:	Shank 2 (SHANK2 Products)
Background:	Synonyms: ProSAP1, SPANK3

Application Details

Application Notes:	WB: 1 : 1000 (AP staining)
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Application Details

IP: not tested yet

ICC: 1 : 500

IHC: 1 : 500

Comment: IHC: For best results the antibody requires a mild fixation protocol (1 % PFA in sodium acetate buffer, pH 6).

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS

Handling Advice: Crude antisera are more robust than monoclonals. With anti-microbials added, they may be stored at 4 °C.
Serum does not contain active proteases, in fact, serum itself contains a powerful cocktail of protease inhibitors. Frozen storage (-20 °C), however, is preferable.

Storage: 4 °C/-20 °C

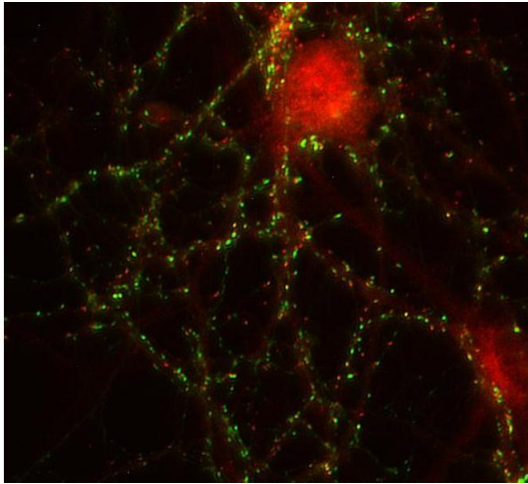
Storage Comment: Unlabeled antibodies are stable in this form without loss of quality at ambient temperatures for several weeks or even months. They can be stored at 4 °C for several years.

Validation report #029822 for Western Blotting (WB)



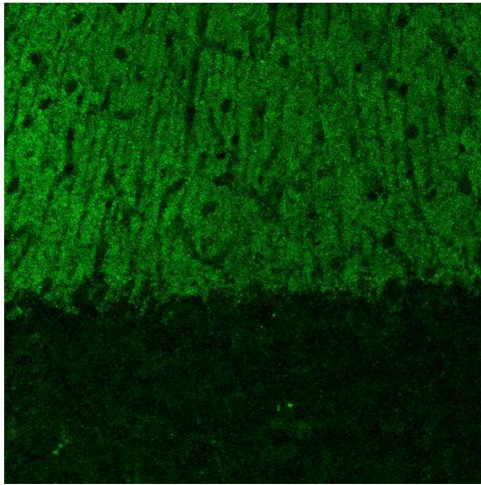
Western Blotting

Image 1. dilution: 1 : 1000, sample: rat hippocampus homogenate



Immunocytochemistry

Image 2. Indirect immunolabeling of PFA fixed rat hippocampus neurons with anti-shank 2 (dilution 1 : 500; red), counterstained with mouse anti-synapsin 1 (cat. no. 106 001, dilution 1 : 500; green).



Immunohistochemistry

Image 3. Indirect immunostaining of PFA fixed cerebellum sections (dilution 1 : 500).