

Datasheet for ABIN6991118
anti-SH3BP4 antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	SH3BP4
Binding Specificity:	AA 860-910, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SH3BP4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	SH3BP4 antibody was raised against an 18 amino acid synthetic peptide from near the carboxy terminus of human SH3BP4. The immunogen is located within amino acids 860 - 910 of SH3BP4.
Isotype:	IgG
Purification:	SH3BP4 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SH3BP4
Alternative Name:	SH3BP4 (SH3BP4 Products)
Background:	SH3BP4 Antibody: SH3BP4 was initially isolated as a novel cDNA using differential display analysis using cultured human corneal fibroblasts. The protein contains three Asn-Pro-Phe

Target Details

(NPF) motifs, an SH3 domain, a PXXP motif, a bipartite nuclear targeting signal, and a tyrosine phosphorylation site. SH3BP4 has been shown to interact with specific endocytic proteins such as clathrin, dynamin, and the transferrin receptor (TfR) and localizes to TfR-containing coated pits and vesicles. It is thought to be involved in cargo-specific control of clathrin-mediated endocytosis, specifically controlling the internalization of TfR. At least two isoforms of SH3BP4 are known to exist.

Gene ID: 23677

NCBI Accession: [NP_055336](#)

UniProt: [Q9P0V3](#)

Application Details

Application Notes: SH3BP4 antibody can be used for detection of SH3BP4 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL.

Antibody validated: Western Blot in rat samples and Immunohistochemistry in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: SH3BP4 Antibody is supplied in PBS containing 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, 4 °C

Storage Comment: SH3BP4 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.