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3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-SH3 domain-binding protein 4 SH3BP4 Antibody

Catalog Number: A09036

About SH3BP4

SH3BP4 was initially isolated as a novel cDNA using differential display analysis using cultured human corneal fibroblasts. The protein contains three Asn-Pro-Phe (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.

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Overview

Product Name	Anti-SH3 domain-binding protein 4 SH3BP4 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-SH3 domain-binding protein 4 SH3BP4 Antibody (Catalog # A09036). Tested in ELISA, WB, IHC-P applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC-P, WB
Clonality	Polyclonal
Formulation	SH3BP4 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	SH3BP4 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9P0V3

Technical Details

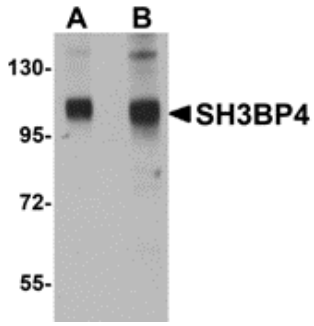
Immunogen	SH3BP4 antibody was raised against an 18 amino acid synthetic peptide from near the carboxy terminus of human SH3BP4. The immunogen is located within amino acids 860 - 910 of SH3BP4.
Predicted Reactive Species	Mouse
Isotype	IgG

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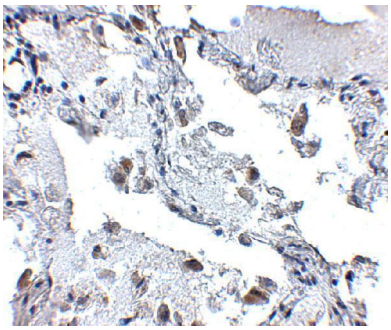
Form	Liquid
Concentration	1 mg/mL
Purification	SH3BP4 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	SH3BP4 antibody can be used for detection of SH3BP4 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. Antibody validated: Western Blot in rat samples and Immunohistochemistry in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-SH3 domain-binding protein 4 SH3BP4 Antibody (A09036) Images



Western blot analysis of SH3BP4 in rat lung tissue lysate with SH3BP4 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of SH3BP4 in human lung tissue with SH3BP4 antibody at 5 ug/mL.

Anti-SH3 domain-binding protein 4 SH3BP4 Antibody

For Research Use Only. Not for use in diagnostic procedures.