

Rabbit SH3BP5 Polyclonal Antibody | anti-SH3BP5 antibody

SH3BP5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328725	Rabbit	Human, Mouse, RatPredicted: Pig, Bovine, Horse, Rabbit, Dog, Chicken, Xenopus	Western Blot

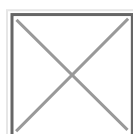
PRODUCT SYNONYMS

SH3BP5; Polyclonal Antibody; SH3BP5 Antibody; 3BP5_HUMAN; OTTHUMP00000208289; OTTHUMP00000208291; OTTHUMP00000208294; SAB; SH3 binding protein; SH3 domain binding protein 5 (BTK associated); SH3 domain binding protein 5; SH3 domain binding protein that preferentially associates with BTK; SH3 domain-binding protein 5; SH3 domain-binding protein that preferentially associates with BTK; SH3 domainbinding protein 5; SH3BP 5; SH3BP-5; Sh3bp5; anti-SH3BP5 antibody

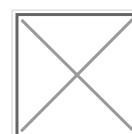
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Bovine, Horse, Rabbit, Dog, Chicken, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	SH3BP5 Antibody detects endogenous levels of SH3BP5.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	298
Applicable Applications for anti-SH3BP5 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human SH3BP5.
Tissue Specificity	Highly expressed in testis and ovaries. It is also expressed in a variety of tissues including spleen, lymph node, thymus, bone marrow, fetal liver, colon, small intestine and prostate.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Mitochondrion
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES


WB (Western Blot)

Western blot analysis of extracts from B16F10 cells, using SH3BP5 Antibody. The lane on the left was treated with blocking peptide.


WB (Western Blot)

Western blot analysis of extracts from Raji cells, using SH3BP5 Antibody. The lane on the left was treated with blocking peptide.



IF (Immunofluorescence)

staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. Samples were then incubated with primary Ab(1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37 degree C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(1:200 Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(1:600 Green) were used as the secondary antibody

ADDITIONAL INFORMATION

Related Product Information for anti-SH3BP5 antibody	Description: Inhibits the auto- and transphosphorylation activity of BTK. Plays a negative regulatory role in BTK-related cytoplasmic signaling in B-cells. May be involved in BCR-induced apoptotic cell death.
	Subunit Structure: Interacts with BTK (PubMed:9571151, PubMed:10339589). Interacts with all isoforms of MAPK8, MAPK9, MAPK10 and MAPK12 (PubMed:12167088). Interacts with GDP-bound and nucleotide-free forms of RAB11A (PubMed:26506309).
	Similarity: Belongs to the SH3BP5 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	109134344
NCBI GeneID	9467
NCBI Accession #	NP_001018009.2
NCBI GenBank Nucleotide #	NP_001018009.2
UniProt Accession #	O60239
Molecular Weight	Observed: 47 kDa Predicted: 51 kDa
NCBI Official Full Name	SH3 domain-binding protein 5 isoform b
NCBI Official Synonym Full Names	SH3 domain binding protein 5
NCBI Official Symbol	SH3BP5
NCBI Official Synonym Symbols	SAB; SH3BP-5
NCBI Protein Information	SH3 domain-binding protein 5
UniProt Protein Name	SH3 domain-binding protein 5
UniProt Gene Name	SH3BP5
UniProt Synonym Gene Names	SAB; SH3BP-5
UniProt Entry Name	3BP5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.