

Rabbit anti-Human, Mouse SH3KBP1 Polyclonal Antibody | anti-SH3KBP1 antibody

Anti-SH3KBP1 Antibody Picoband

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126261	Rabbit	Human, Mouse	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

SH3KBP1; Polyclonal Antibody; Anti-SH3KBP1 Antibody Picoband; anti-SH3KBP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-SH3KBP1 antibody	ELISA, FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human SH3KBP1 recombinant protein (Position: D256-Q629).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.

IMAGES



FCM/FACS (Flow Cytometry)

Figure 3. Flow Cytometry analysis of CACO-2 cells using anti-SH3KBP1 antibody (AAA126261). Overlay histogram showing CACO-2 cells stained with AAA126261 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-SH3KBP1 Antibody (AAA126261, 1 ug/1x10⁶ cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10⁶) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



IF (Immunofluorescence)

Figure 2. IF analysis of SH3KBP1 using anti-SH3KBP1 antibody (AAA126261). SH3KBP1 was detected in an immunocytochemical section of PC-3 cells. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent (AR0022) for 15 mins. The cells were blocked with 10% goat serum. And then incubated with 5 ug/mL rabbit anti-SH3KBP1 Antibody (AAA126261) overnight at 4 degree C. DyLight488 Conjugated Goat Anti-Rabbit IgG was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37 degree C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



WB (Western Blot)

Figure 1. Western blot analysis of SH3KBP1 using anti-SH3KBP1 antibody (AAA126261). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human THP-1 whole cell lysates, Lane 2: human Jurkat whole cell lysates, Lane 3: human Raji whole cell lysates, Lane 4: mouse NIH/3T3 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-SH3KBP1 antigen affinity purified polyclonal antibody (#AAA126261) at 0.25 ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for SH3KBP1 at approximately 85 kDa. The expected band size for SH3KBP1 is at 85 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-SH3KBP1 antibody	SH3 domain-containing kinase-binding protein 1 is an adaptor protein that in humans is encoded by the SH3KBP1 gene. This gene encodes an adapter protein that contains one or more N-terminal Src homology domains, a proline rich region and a C-terminal coiled-coil domain. The encoded protein facilitates protein-protein interactions and has been implicated in numerous cellular processes including apoptosis, cytoskeletal rearrangement, cell adhesion and in the regulation of clathrin-dependent endocytosis. Alternate splicing results in multiple transcript variants encoding distinct isoforms.
Product Categories/Family for anti-SH3KBP1 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	31077034
NCBI GeneID	30011
UniProt Accession #	Q96B97; Q5JPT4; Q5JPT5; Q8IWX6; Q8IX98; Q96RN4; Q9NYR0; B7Z1D5
Molecular Weight	665
NCBI Official Full Name	SH3 domain-containing kinase-binding protein 1
NCBI Official Synonym Full Names	SH3-domain kinase binding protein 1
NCBI Official Symbol	SH3KBP1
NCBI Official Synonym Symbols	HSB1; CIN85; GIG10; HSB-1; MIG18; CD2BP3
NCBI Protein Information	SH3 domain-containing kinase-binding protein 1; CD2-binding protein 3; c-Cbl-interacting protein; migration-inducing gene 18; cbl-interacting protein of 85 kDa; Src family kinase-binding protein 1; src-related kinase binding protein-1; human Src family ki
UniProt Protein Name	SH3 domain-containing kinase-binding protein 1
UniProt Gene Name	SH3KBP1
UniProt Synonym Gene Names	CIN85; CD2BP3; HSB-1
UniProt Entry Name	SH3K1_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.