

Rabbit BLNK Polyclonal Antibody | anti-BLNK antibody

Anti-BLNK Antibody Picoband

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126326	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunocytochemistry, Western Blot

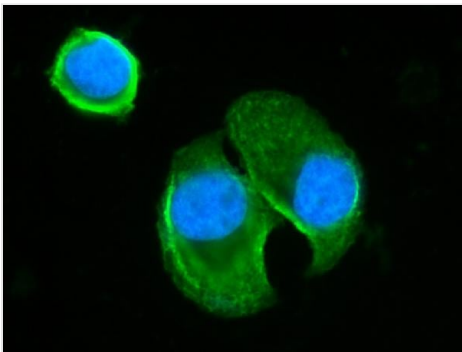
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

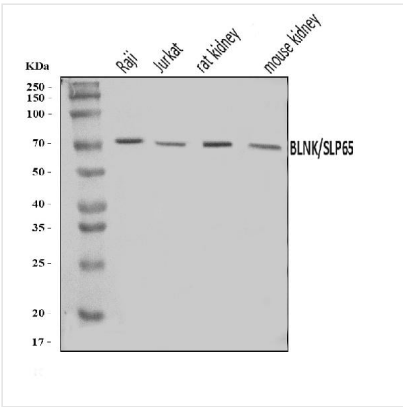
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-BLNK antibody	ELISA, 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 BLNK recombinant protein (Position: D59-S456).
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



IF (Immunofluorescence)

Figure 2. IF analysis of BLNK using anti-BLNK antibody (AAA126326).BLNK was detected in an immunocytochemical section of T47D 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-BLNK Antibody (AAA126326) 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 BLNK using anti-BLNK antibody (AAA126326).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 Raji whole cell lysates,Lane 2: human Jurkat whole cell lysates,Lane 3: rat kidney tissue lysates,Lane 4: mouse kidney tissue 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-BLNK antigen affinity purified polyclonal antibody (#AAA126326) at 0.5 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 BLNK at approximately 70 kDa. The expected band size for BLNK is at 70 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-BLNK antibody	The B-cell linker protein is encoded by the BLNK gene and is an adaptor protein also known as SLP-65, BASH, and BCA. This gene encodes a cytoplasmic linker or adaptor protein that plays a critical role in B cell development. This protein bridges B cell receptor-associated kinase activation with downstream signaling pathways, thereby affecting various biological functions. The phosphorylation of five tyrosine residues is necessary for this protein to nucleate distinct signaling effectors following B cell receptor activation. Mutations in this gene cause hypoglobulinemia and absent B cells, a disease in which the pro- to pre-B-cell transition is developmentally blocked. Deficiency in this protein has also been shown in some cases of pre-B acute lymphoblastic leukemia. Alternatively spliced transcript variants have been found for this gene.
Product Categories/Family for anti-BLNK antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	166235901
NCBI GeneID	29760
NCBI Accession #	NP_001107566.1
NCBI GenBank Nucleotide #	NM_001114094.1
UniProt Accession #	Q8WV28; O75498; O75499; Q2MD49
Molecular Weight	50,466 Da
NCBI Official Full Name	B-cell linker protein isoform 2
NCBI Official Synonym Full Names	B-cell linker
NCBI Official Symbol	BLNK
NCBI Official Synonym Symbols	bca; AGM4; BASH; LY57; SLP65; BLNK-S; SLP-65

NCBI Protein Information	B-cell linker protein; B-cell activation; B cell linker protein; cytoplasmic adapter protein; B cell adaptor containing SH2 domain; B-cell adapter containing a SH2 domain protein; B-cell adapter containing a Src homology 2 domain protein; Src homology 2 d
UniProt Protein Name	B-cell linker protein
UniProt Gene Name	BLNK
UniProt Synonym Gene Names	BASH; SLP65; SLP-65
UniProt Entry Name	BLNK_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/blnk-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/126326>