

Rabbit anti-Human BLNK Polyclonal Antibody | anti-BLNK antibody

Anti-BLNK Antibody, Rabbit Polyclonal

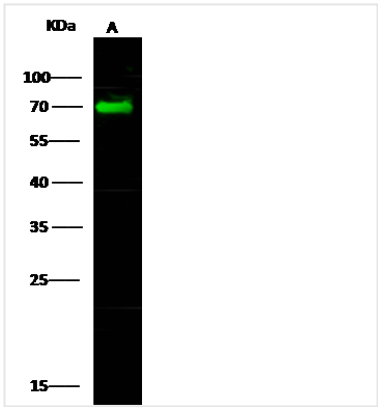
CATALOG # AAA255606	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

BLNK; Polyclonal Antibody; Anti-BLNK Antibody; Rabbit Polyclonal; BLNK/Ly-57/SLP-65 Antibody; Rabbit PAb; Antigen Affinity Purified; B-cell linker; Anti-AGM4 Antibody; Anti-BASH Antibody; Anti-bca Antibody; Anti-BLNK-S Antibody; Anti-LY57 Antibody; Anti-SLP-65 Antibody; Anti-SLP65 Antibody; anti-BLNK antibody

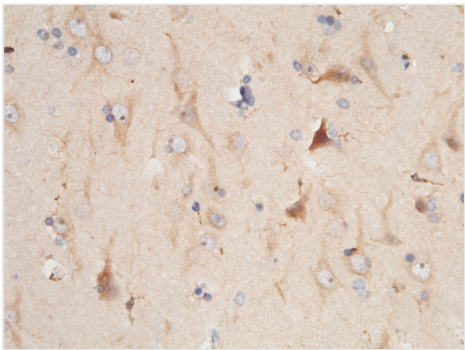
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human BLNK/Ly-57/SLP-65
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-BLNK antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Recombinant Human BLNK/Ly-57/SLP-65 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human BLNK/Ly-57/SLP-65 (rh BLNK/Ly-57/SLP-65). BLNK/Ly-57/SLP-65 specific IgG was purified by Human BLNK/Ly-57/SLP-65 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



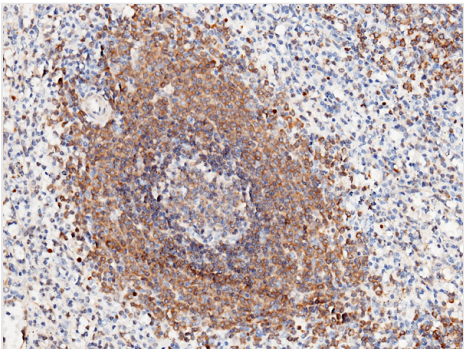
WB (Western Blot)

Anti-BLNK rabbit polyclonal antibody at 1:500 dilutionLane A: Raji Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.Developed using the Odyssey technique.Performed under reducing conditions.Predicted band size:50 kDaObserved band size:70 kDa



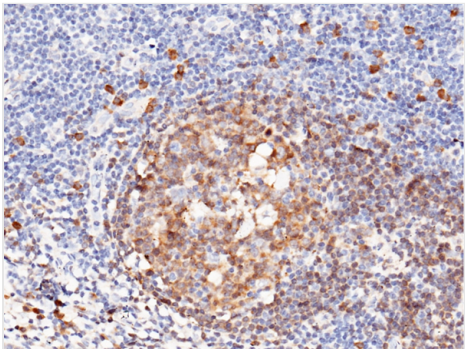
IHC (Immunohistochemisry)

Immunochemical staining of human BLNK in human brain with rabbit polyclonal antibody at 1:5000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohiostchemistry)

Immunochemical staining of human BLNK in human spleen with rabbit polyclonal antibody at 1:5000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human BLNK in human tonsil with rabbit polyclonal antibody at 1:5000 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-BLNK antibody	B-cell linker protein, also known as B-cell adapter containing a SH2 domain protein, B-cell adapter containing a Src homology 2 domain protein, Cytoplasmic adapter protein, Src homology 2 domain-containing leukocyte protein of 65 kDa, SLP-65 and BLNK, is a cytoplasm and cell membrane protein which contains oneSH2 domain. BLNK is expressed in B-cell lineage and fibroblast cell lines. Highest levels of expression is in the spleen, with lower levels in the liver, kidney, pancreas, small intestines and colon. BLNK functions as a central linker protein that bridges kinases associated with the B-cell receptor (BCR) with a multitude of signaling pathways, regulating biological outcomes of B-cell function and development. BLNK plays a role in the activation of ERK/EPHB2, MAP kinase p38 and JNK. BLNK modulates AP1 activation. It is important for the activation of NF-kappa-B and NFAT. BLNK plays an important role in BCR-mediated PLCG1 and PLCG2 activation and Ca2+mobilization and is required for trafficking of the BCR to late endosomes. BLNK may be required for the RAC1-JNK pathway. It plays a critical role in orchestrating the pro-B cell to pre-B cell transition. BLNK also plays an important role in BCR-induced B-cell apoptosis.Defects in BLNK are the cause of agammaglobulinemia type 4 (AGM4) which is a primary immunodeficiency characterized by profoundly low or absent serum antibodies and low or absent circulating B cells due to an early block of B-cell development.
Product Categories/Family for anti-BLNK antibody	Adaptor Proteins
References	Fu C., et al., 1998, Immunity 9:93-103. Minegishi Y., et al., 1999, Science 286:1954-1957. Chiu C.W., et al., 2002, EMBO J. 21:6461-6472. Taguchi T., et al., 2004, Immunology 112:575-582.

NCBI AND UNIPROT INFORMATION

NCBI GI #	17511914
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NCBI GeneID	29760
Molecular Weight	44,451 Da
NCBI Official Full Name	B-cell linker
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

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-immunohistochemistry-western-blot-elisa/255606>