

BLNK Antibody

Rabbit mAb Catalog # AP92878

Specification

BLNK Antibody - Product Information

Application WB, IHC
Primary Accession
Reactivity
Rat

Clonality Monoclonal

Other Names

AGM4; BASH; Bca; BLNK; Ly57; Lyw57; SLP65;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 50466 Da

BLNK Antibody - Additional Information

Dilution WB~~1:1000

IHC~~1:100~500

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

BLNK

Description 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

of ERK/EPHB2, MAP kinase p38 and JNK.
Rabbit IgG in phosphate buffered saline,

development. Plays a role in the activation

pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short

term. Store at -20°C long term. Avoid

freeze / thaw cycle.

BLNK Antibody - Protein Information

Name BLNK

Synonyms BASH, SLP65

Storage Condition and Buffer

Function

Functions as a central linker protein, downstream of the B- cell receptor (BCR), bridging the SYK kinase to a multitude of signaling pathways and regulating biological outcomes of B-cell function and development. Plays a role in the activation of ERK/EPHB2, MAP kinase p38 and JNK. Modulates AP1 activation. Important for the activation of NF-kappa-B and NFAT. Plays an important role in BCR- mediated PLCG1 and PLCG2 activation and Ca(2+) mobilization and is required for trafficking





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of the BCR to late endosomes. However, does not seem to be required for pre-BCR-mediated activation of MAP kinase and phosphatidyl-inositol 3 (PI3) kinase signaling. May be required for the RAC1-INK pathway. Plays a critical role in orchestrating the pro-B cell to pre-B cell transition. May play an important role in BCR- induced B-cell apoptosis.

Cellular Location

Cytoplasm. Cell membrane. Note=BCR activation results in the translocation to membrane fraction

Tissue Location

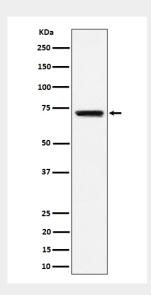
Expressed in B-cell lineage and fibroblast cell lines (at protein level). Highest levels of expression in the spleen, with lower levels in the liver, kidney, pancreas, small intestines and colon

BLNK Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

BLNK Antibody - Images



Western blot analysis of BLNK expression in Raji cell lysate.