

BLNK Polyclonal Antibody

Catalog No. E-AB-30652

Note: Centrifuge before opening to ensure complete recovery of vial contents.

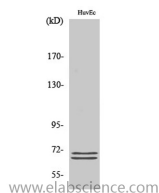
Description

| | |
|---------------------|---|
| Reactivity | Human, Mouse |
| Immunogen | Synthesized peptide derived from human BLNK around the non-phosphorylation site of Y96. |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Affinity purification |
| Buffer | PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol pH 7.4. |

Applications Recommended Dilution

| | |
|--------------|--------------|
| WB | 1:500-1:2000 |
| IHC | 1:100-1:300 |
| ELISA | 1:20000 |

Data



Western Blot analysis of HuvEc cells with BLNK Polyclonal Antibody.
Observed Mw:50kDa
Calculated Mw:50kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

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

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