

**Anti-BLNK (pY84) Antibody**  
**Rabbit polyclonal antibody to BLNK (pY84)**  
**Catalog # AP61264**

## Specification

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### Anti-BLNK (pY84) Antibody - Product Information

Application	<b>WB</b>
Primary Accession	<a href="#">O8WV28</a>
Other Accession	<a href="#">O9OUN3</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>50466</b>

### Anti-BLNK (pY84) Antibody - Additional Information

**Gene ID** 29760

#### Other Names

BASH; SLP65; B-cell linker protein; 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

#### Target/Specificity

Recognizes endogenous levels of BLNK (pY84) protein.

#### Dilution

WB~~WB (1/500 - 1/1000), IH (1/50 - 1/200)

#### Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

#### Storage

Store at -20 °C. Stable for 12 months from date of receipt

### Anti-BLNK (pY84) Antibody - Protein Information

**Name** BLNK

**Synonyms** BASH, SLP65

#### 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

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. 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

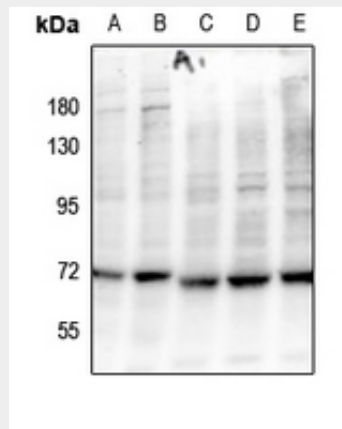
Expressed in B-cell lineage and fibroblast cell lines (at protein level). Highest levels of expression in the spleen, with lower levels in the liver, kidney, pancreas, small intestines and colon

### Anti-BLNK (pY84) Antibody - Protocols

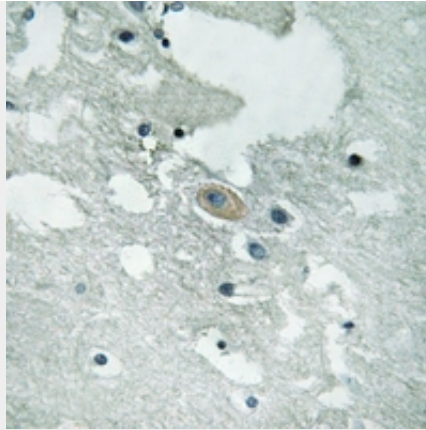
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Anti-BLNK (pY84) Antibody - Images



Western blot analysis of BLNK (pY84) expression in PC12 (A), CT26 (B), HCT116 (C), Jurkat (D), Myla2059 (E) whole cell lysates.



Immunohistochemical analysis of BLNK (pY84) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

#### **Anti-BLNK (pY84) Antibody - Background**

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human BLNK (pY84). The exact sequence is proprietary.