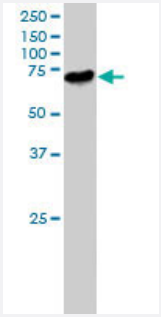
BLNK polyclonal antibody

Catalog # PAB6035 Size 100 ug

Applications



Western Blot (Cell lysate)

BLNK polyclonal antibody (Cat # PAB6035) staining (4 ug/mL) of Daudi lysate (RIPA buffer, 30 ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of BLNK.
Immunogen	A synthetic peptide corresponding to human BLNK.
Sequence	C-KDSTRLKYAVKVS
Host	Goat
Theoretical MW (kDa)	50.5, 48.2
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:32000) Western blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.

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Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — BLNK

Entrez GeneID	29760
Protein Accession#	NP_037446.1
Gene Name	BLNK
Gene Alias	BASH, BLNK-S, LY57, MGC111051, SLP-65, SLP65
Gene Description	B-cell linker
Omim ID	604515
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a cytoplasmic linker or adaptor protein that plays a critical role in B cell develo pment. This protein bridges B cell receptor-associated kinase activation with downstream signali ng pathways, thereby affecting various biological functions. The phosphorylation of five tyrosine re sidues 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 t he pro- to pre-B-cell transition is developmentally blocked. Deficiency in this protein has also bee n shown in some cases of pre-B acute lymphoblastic leukemia. Alternatively spliced transcript vari ants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	B cell linker protein|B-cell adapter containing a SH2 domain protein|B-cell adapter containing a Sr c homology 2 domain protein|OTTHUMP00000020167|Src homology 2 domain-containing leukoc yte protein of 65 kDa

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Publication Reference

- BLNK: a central linker protein in B cell activation.

  Fu C, Turck CW, Kurosaki T, Chan AC.

  Immunity 1998 Jul; 9(1):93.

  Application: WB-Ce, WB-Tr, Human, Mouse, Rat, 70Z/3, A20, Daudi, EL4, HEK 293, Jurkat, K-562, LAK, Raji, Ramos, RBL-1, THP-1, WEHI-231 cells

Pathway

- B cell receptor signaling pathway
- Primary immunodeficiency

Disease

- Alzheimer Disease
- Genetic Predisposition to Disease
- Tobacco Use Disorder

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