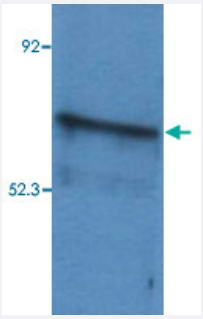
BLNK polyclonal antibody

Catalog # PAB13541 Size 100 ug

Applications



Western Blot (Cell lysate)

Western Blotting analysis (reducing conditions) of whole cell lysate of Sp2/0 mouse myeloma cell line using BLNK polyclonal antibody (Cat # PAB13541).

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant BLNK.
Immunogen	Recombinant protein corresponding to amino acids 171-356 of human BLNK.
Host	Rabbit
Theoretical MW (kDa)	68, 70
Reactivity	Human, Mouse
Specificity	This antibody reacts with mouse BLNK, a cytosolic adaptor protein identified as two phosphoprotein s migrating at 68 and 70 KDa in SDS PAGE (alternatively spliced forms of human SLP65).
Form	Liquid
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze. Aliquot to avoid repeated freezing and thawing.

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western Blotting analysis (reducing conditions) of whole cell lysate of Sp2/0 mouse myeloma cell line using BLNK polyclonal antibody (Cat # PAB13541).

Gene Info — BLNK

Entrez GeneID	29760
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

Publication Reference

- SLP76 and SLP65: complex regulation of signalling in lymphocytes and beyond.

  Koretzky GA, Abtahian F, Silverman MA.

  Nature Reviews. Immunology 2006 Jan; 6(1):67.

  Application: WB-Tr, Chicken, DT40 cells

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Bruton's tyrosine kinase cooperates with the B cell linker protein SLP-65 as a tumor suppressor in Pre-B cells.

  Kersseboom R, Middendorp S, Dingjan GM, Dahlenborg K, Reth M, Jumaa H, Hendriks RW.

  The Journal of Experimental Medicine 2003 Jul; 198(1):91.

- The absence of SLP65 and Btk blocks B cell development at the preB cell receptor-positive stage.

  Jumaa H, Mitterer M, Reth M, Nielsen PJ.

  European Journal of Immunology 2001 Jul; 31(7):2164.

Pathway

- B cell receptor signaling pathway
- Primary immunodeficiency

Disease

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

Copyright © 2023 Abnova Corporation. All Rights Reserved.