

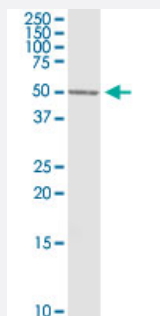
MaxPab®

BLNK purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00029760-D01P

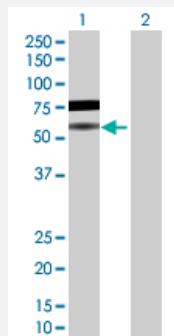
Size 100 ug

Applications



Western Blot (Cell lysate)

BLNK MaxPab rabbit polyclonal antibody. Western Blot analysis of BLNK expression in PC-12.



Western Blot (Transfected lysate)

Western Blot analysis of BLNK expression in transfected 293T cell line ([H00029760-T03](#)) by BLNK MaxPab polyclonal antibody.

Lane 1: BLNK transfected lysate(50.50 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human BLNK protein.

Immunogen

BLNK (AAH18906.1, 1 a.a. ~ 456 a.a) full-length human protein.

Sequence

MDKLNKITVPASQKLRQLQKMVHDIKNNEGGIMNKIKKLKVKAPPSVPRRDYASESPADEEQQWS
DDFDSDYENPDEHSDSEMYVMPAEENADDSYEPPEVEQETRPVHPALPFARGEYIDNRSSQRH
SPPFSKTLPSKPSWPSEKARLTSTLPALTALQKPQVPPKPKGLLEADYVVPVEDNDENYIHPT
ESSSPPEKAPMVNRSTKPNSSTPASPPGTASGRNSGAWETKSPPPAAPSPLPRAGKKPTTPL
KTPVASQQNASSVCEEKPIPAERHRGSSHRQEAVQSPVFPPAQKQIHQKPIPLPRFTEGGNPTV
DGPLPSFSSNSTISEQEAGVLCKPWYAGACDRKSAEEALHRSNKDGSFLIRKSSGHDSKQPYTL
VVFENKRVYNIPVRFIEATKQYALGRKKNGEEYFGSVAEIIIRNHQHSPLVLIDSQNNTKDSTRLKYAV
KVS

Host	Rabbit
Reactivity	Human, Rat
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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Gene Info — BLNK

Entrez GeneID	29760
GeneBank Accession#	BC018906
Protein Accession#	AAH18906.1
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 development. This protein bridges B cell receptor-associated kinase activation with downstream signaling pathways, thereby affecting various biological functions. The phosphorylation of five tyrosine residues 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 the pro- to pre-B-cell transition is developmentally blocked. Deficiency in this protein has also been shown in some cases of pre-B acute lymphoblastic leukemia. Alternatively spliced transcript variants 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 Src homology 2 domain protein|OTTHUMP00000020167|Src homology 2 domain-containing leukocyte protein of 65 kDa

Pathway

- [B cell receptor signaling pathway](#)
- [Primary immunodeficiency](#)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)