



# BLNK rabbit pAb

Cat No.:ES1773

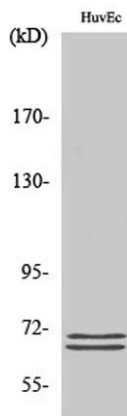
For research use only

## Overview

Product Name	BLNK rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human BLNK. AA range:62-111
Specificity	BLNK Polyclonal Antibody detects endogenous levels of BLNK protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	B-cell linker protein
Gene Name	BLNK
Cellular localization	Cytoplasm . Cell membrane . BCR activation results in the translocation to membrane fraction.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	50kD
Human Gene ID	29760
Human Swiss-Prot Number	Q8WV28
Alternative Names	BLNK; 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; This gene encodes a cytoplasmic linker or adaptor protein that plays a critical role in B cell
Background	

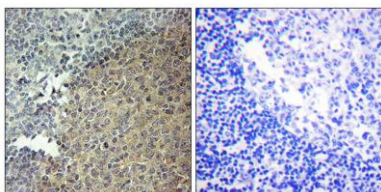


development. This protein bridges B cell receptor-associated kinase activation with downstream signaling pathways, thereby affecting various biological functions. The phosphorylation of five tyrosine residues is necessary for this protein to nucleate distinct signaling effectors following B cell receptor 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 have been found for this gene. [provided by RefSeq, May 2012],



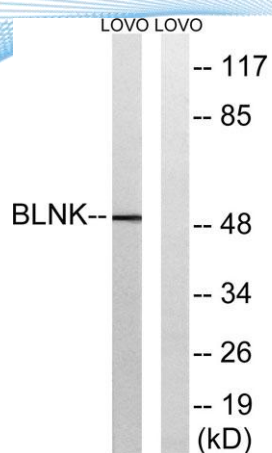
Western Blot analysis of various cells using BLNK Polyclonal Antibody

Immunohistochemistry analysis of paraffin-embedded human tonsil tissue, using BLNK Antibody. The picture on the right is blocked with the synthesized peptide.





**ELK Biotechnology**



Western blot analysis of lysates from LOVO cells, treated with etoposide 25uM 24h, using BLNK Antibody. The lane on the right is blocked with the synthesized peptide.



+86-27-59760950

[ELKbio@ELKbiotech.com](mailto:ELKbio@ELKbiotech.com)

[www.elkbiotech.com](http://www.elkbiotech.com)

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei, P.R.C.