



BLNK rabbit pAb

Cat No.:ES1773

For research use only

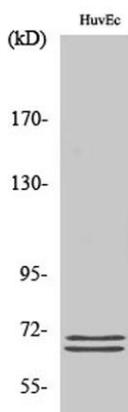
Overview

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;
Background	This gene encodes a cytoplasmic linker or adaptor protein that plays a critical role in B cell



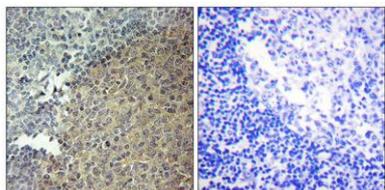


development. This protein bridges B cell receptor-associated kinase activation with downstream signaling pathways, thereby affecting various biological functions. The phosphorylation of five tyrosine residues is necessary for this protein to nucleate distinct signaling effectors following B cell receptor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



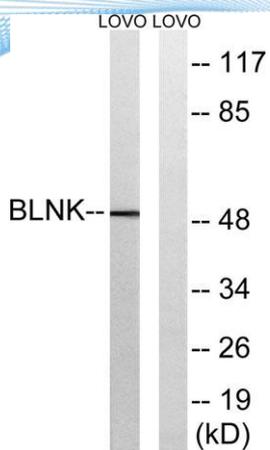
Western Blot analysis of various cells using BLNK Polyclonal Antibody

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

www.elkbiotech.com

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