Datasheet for ABIN7139078

anti-B-Cell Linker antibody (pTyr84)

2 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	B-Cell Linker (BLNK)
Binding Specificity:	pTyr84
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This B-Cell Linker antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Peptide sequence around phosphorylation site of tyrosine 84 (E-M-Y(p)-V-M) derived from Human BLNK.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy usi

Target Details

Target:	B-Cell Linker (BLNK)
Alternative Name:	BLNK (BLNK Products)

Target Details

Background:	Background: Functions as a central linker protein, downstream of the B-cell receptor (BCR), bridging the SYK kinase to a multitude of signaling pathways and regulating biological outcomes of B-cell function and development. Plays a role in the activation of ERK/EPHB2, MAP kinase p38 and JNK. Modulates AP1 activation. Important for the activation of NF-kappa-B and NFAT. Plays an important role in BCR-mediated PLCG1 and PLCG2 activation and Ca2+ mobilization and is required for trafficking of the BCR to late endosomes. However, does not seem to be required for pre-BCR-mediated activation of MAP kinase and phosphatidyl-inositol 3 (PI3) kinase signaling. May be required for the RAC1-JNK pathway. Plays a critical role in orchestrating the pro-B cell to pre-B cell transition. May play an important role in BCR-induced B-cell apoptosis. Aliases: AGM4 antibody, B cell adapter containing SH2 domain protein antibody, B cell adapter containing Src homology 2 domain protein antibody, B cell adaptor containing SH2 domain antibody, B cell linker antibody, B cell linker protein antibody, B cell-specific adaptor protein antibody, B-cell activation antibody, B-cell adapter containing a SH2 domain protein antibody, B-cell adapter containing a Src homology 2 domain protein antibody, B-cell linker protein antibody, BASH antibody, Bca antibody, BLNK antibody, BLNK s antibody, BLNK_HUMAN antibody, Cytoplasmic adapter protein antibody, Ly 57 antibody, Ly57 antibody, Lymphocyte antigen 57 antibody, Lyw 57 antibody, Lyw57 antibody, MGC111051 antibody, SH2 domain-containing leukocyte protein, 65-KD antibody, SLP 65 antibody, SLP-65 antibody, SLP65 antibody, Src homology [SH2] domain-containing leukocyte protein of 65 kD antibody, Src homology 2 domain containing leukocyte protein of 65 kDa antibody, Src homology 2 domain-containing leukocyte protein of 65 kDa antibody
UniProt:	Q8WV28
Pathways:	BCR Signaling

Application Details

Application Notes:	WB:1:500-1:3000, IHC:1:50-1:100,
Restrictions:	For Research Use only

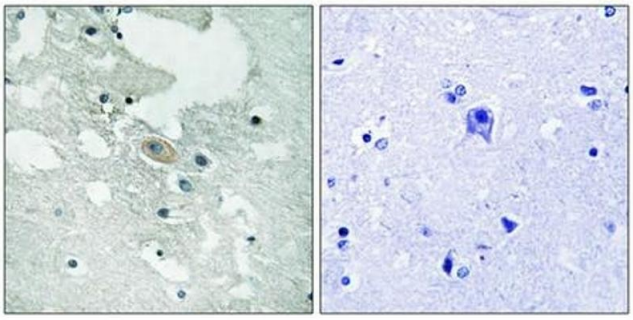
Handling

Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Handling

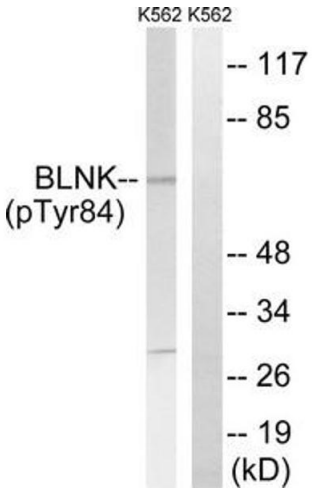
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human brain tissue using BLNK (Phospho-Tyr84) antibody. The picture on the right is treated with the synthesized peptide.



Western Blotting

Image 2. Western blot analysis of extracts from K562 cells, treated with starved (24hours), using BLNK (Phospho-Tyr84) antibody. The lane on the right is treated with the synthesized peptide.