

Datasheet for ABIN7139078

anti-B-Cell Linker antibody (pTyr84)[Go to Product page](#)**2** Images

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

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|-------------------|--|
| 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 chromatography using |

Target Details

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

Target Details

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|-------------|--|
| Background: | <p>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 phosphatidylinositol 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.</p> <p>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</p> |
| UniProt: | Q8WV28 |
| Pathways: | BCR Signaling |

Application Details

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

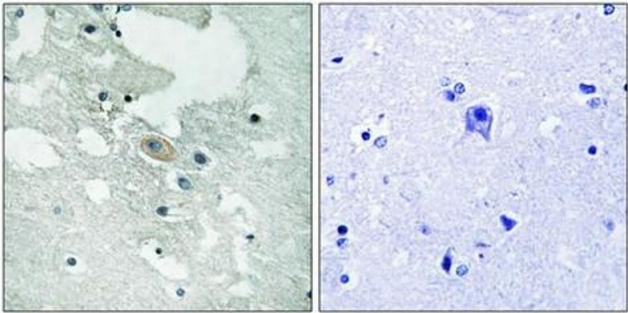
Handling

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| 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

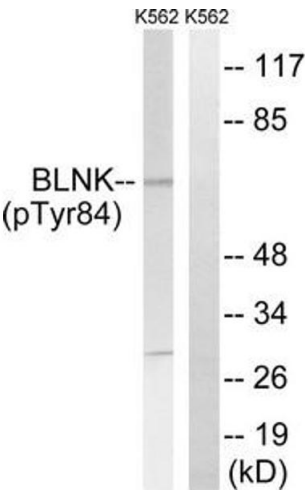
| | |
|--------------------|--|
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C,-80 °C |
| Storage Comment: | Upon receipt, store at -20°C or -80°C. Avoid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