Product Datasheet

BLNK (Phospho-Tyr84) Antibody

Catalog No: #12132

Package Size: #12132-1 50ul #12132-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

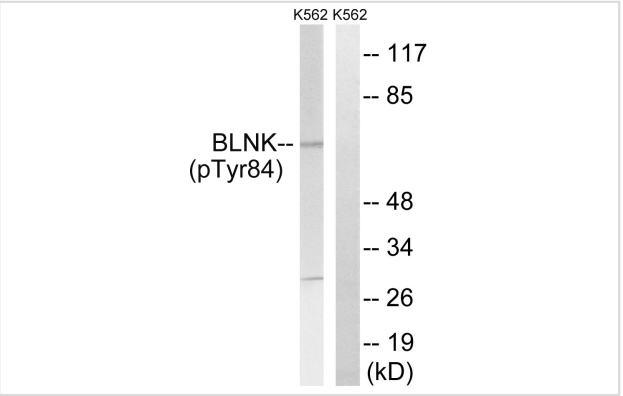
Product Name	BLNK (Phospho-Tyr84) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of BLNK only when phosphorylated at tyrosine 84.
Immunogen Type	peptide
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 84 (E-M-Y(p)-V-M) derived from Human BLNK.
Target Name	BLNK
Modification	Phospho
Other Names	B-cell linker protein; LY57; SLP-65; SLP65
Accession No.	Swiss-Prot#:Q8WV28;NCBI Gene#:29760
SDS-PAGE MW	65kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

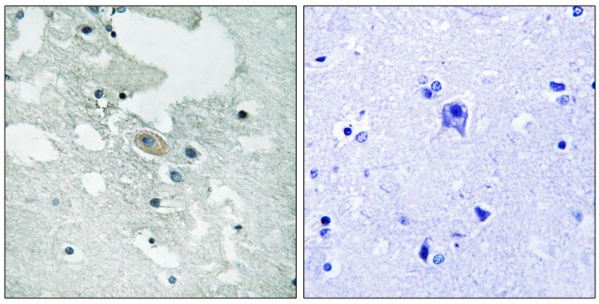
Western blotting: 1:500~1:3000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from K562 cells, treated with starved (24hours), using BLNK (Phospho-Tyr84) antibody #12132. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue using BLNK (Phospho-Tyr84) antibody #12132. The picture on the right is treated with the synthesized peptide.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.