

# BLNK Rabbit mAb

Catalog # AP75159

## Product Information

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<b>Application</b>	WB, IP
<b>Primary Accession</b>	<a href="#">Q8WV28</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Calculated MW</b>	50466

## Additional Information

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<b>Gene ID</b>	29760
<b>Other Names</b>	BLNK
<b>Dilution</b>	WB~~1/500-1/1000 IP~~N/A
<b>Format</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

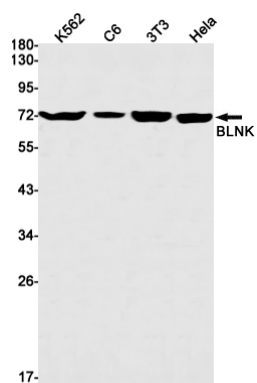
## Protein Information

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<b>Name</b>	BLNK
<b>Synonyms</b>	BASH, SLP65
<b>Function</b>	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 Ca(2+) 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.
<b>Cellular Location</b>	Cytoplasm. Cell membrane. Note=BCR activation results in the translocation to membrane fraction
<b>Tissue Location</b>	Expressed in B-cell lineage and fibroblast cell lines (at protein level). Highest levels of expression in the spleen, with lower levels in the liver, kidney, pancreas, small intestines and colon

## Images

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