

BLNK (phospho-Y84) polyclonal antibody

Catalog: BS64331

Host: Rabbit

Reactivity: Human,Rat,Mouse

BackGround:

Cross-linking of the B cell receptor (BCR) activates a variety of signaling pathways involved in processes such as cell proliferation and apoptosis. Intracellular protein tyrosine kinases such as Syk and Lyn have been implicated in this BCR signal transduction and are thought to play an important role in B cell development. BLNK (for B cell linker protein) is a central linker protein in B cells which has been shown to associate with the effector proteins GRB2, Vav, Nck and PLC γ following activation of the B cell receptor. The two forms of BLNK, p68 and p70, arise from alternate splicing of the human BLNK gene transcript. BLNK is phosphorylated by the Syk tyrosine kinase, which in turn permits activation of downstream effector proteins including GRB2 and PLC γ .

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 70 kDa

Swiss-Prot:

Q8WV28

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

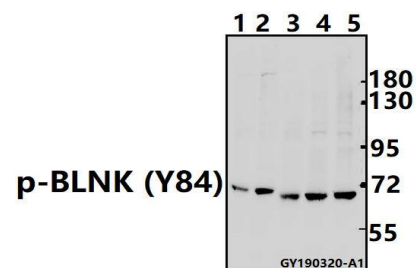
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

BLNK (phospho-Y84) polyclonal antibody detects endogenous levels of BLNK protein only when phosphorylated at Try84 .

DATA:



Western blot (WB) analysis of BLNK (phospho-Y84) polyclonal antibody at 1:500 dilution

Lane1:PC12 whole cell lysate(40ug)

Lane2:CT26 whole cell lysate(40ug)

Lane3:HCT116 whole cell lysate(40ug)

Lane4:Jurkat whole cell lysate(40ug)

Lane5:Myla2059 whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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