

BLK (phospho-Y389) polyclonal antibody

Catalog: BS64159

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Blk is a Src family protein tyrosine kinase expressed in all stages of B cell development. Activation of B cells by various ligands is accompanied by activation of Blk. It has been suggested that Blk is involved in the control of B cell differentiation and proliferation. Blk transcripts have also been detected in human thymocytes, but not in mature T cells, implicating that Blk may play an important role in thymopoiesis. Blk function may be redundant, however, as mice that do not express Blk are not impaired with respect to B cell development and immune response.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 57 kDa

Swiss-Prot:

P51451

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

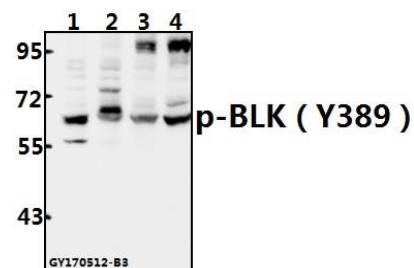
Storage&Stability:

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

Specificity:

BLK (phospho-Y389) polyclonal antibody detects endogenous levels of BLK protein only when phosphorylated at Tyr389 .

DATA:



Western blot (WB) analysis of BLK (phospho-Y389) polyclonal antibody at 1:500 dilution

Lane1: COS-7 whole cell lysate (40ug)

Lane2: MCF-7 whole cell lysate (40ug)

Lane3: CT26 whole cell lysate (40ug)

Lane4: PC12 whole cell lysate (40ug)

Note:

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

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