SLP-76 (phospho-Y128) polyclonal antibody

Catalog:	BS4872	Host:	Rabbit	Reactivity:	Human,Mouse,Rat

BackGround:

Overexpression of Vav or SLP-76 in Jurkat cells leads to NFAT activation and IL-2 production. When co-expressed, Vav and SLP-76 synergize to induce a robust basal and TCR-mediated IL-2 response. Although SLP-76 does not contain a motif that would indicate it to be a member of the tyrosine, serine/threonine or lipid kinase families, it does contain several putative SH2/SH3-binding domains and has been shown to physically associate with the adapter protein GRB2 as well as PLC g1. The discovery of SLP-76 represents an important step in elucidating the mechanism of Vav transformation and TCR-mediated NFAT activation.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 75 kDa

Swiss-Prot:

Q13094

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).
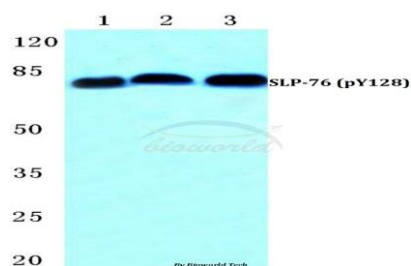
Applications:

WB: 1:500~1:1000

Storage&Stability:

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

Specificity:

p-SLP-76 (Y128) polyclonal antibody detects endogenous levels of SLP-76 protein only when phosphorylated at Tyr128.

DATA:

Western blot (WB) analysis of p-SLP-76 (Y128) polyclonal antibody at 1:500 dilution

Lane1:Hela cell treated with H2O2(100μM,30min)

Lane2:Raw264.7 cell treated with H2O2(100μM,30min)

Lane3:PC12 cell treated with H2O2(100μM,30min)

Note:

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