Vav1 (phospho-Y174) polyclonal antibody

Catalog: BS4204 Host: Rabbit Reactivity: Human,Rat

BackGround:

The Vav gene was originally identified on the basis of its oncogenic activation during the course of gene transfer assays. The major translational product of the Vav proto-oncogene has been identified as a protein containing an array of structural motifs. Contained within its amino terminus are a helix-loop-helix domain and a leucine zipper motif similar to that of Myc family proteins; deletion of this region of p95Vav causes its oncogenic activation. In addition, p95Vav contains an SH2 domain, which could indicate its role as a substrate for tyrosine kinases. Expression of p95Vav is limited exclusively to cells of hematopoietic origin, including those of the erythroid, lymphoid and myeloid lineages.

Product:

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

Molecular Weight:

~ 100 kDa

Swiss-Prot:

P15498

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

IHC: 1:50~1:200

Storage&Stability:

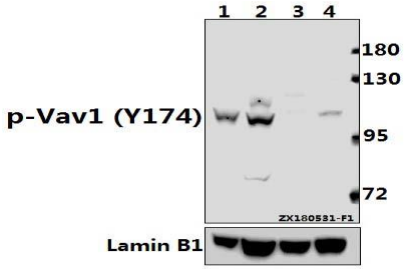
Store at 4℃ short term. Aliquot and store at -20℃ long term.

Avoid freeze-thaw cycles.

Specificity:

p-Vav1 (Y174) polyclonal antibody detects endogenous levels of Vav1 protein when phosphorylated at Tyr174.

DATA:



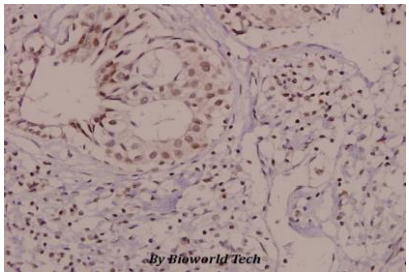
Western blot (WB) analysis of p-Vav1 (Y174) pAb at 1:500 dilution

Lane1:THP-1 whole cell lysate(40ug)

Lane2:HuT78 whole cell lysate(40ug)

Lane3:The Spleen tissue lysate of Mouse(40ug)

Lane4:The Spleen tissue lysate of Rat(40ug)



Immunohistochemistry (IHC) analyzes of p-Vav (Y174) pAb in paraffin-embedded human breast carcinoma tissue at 1:50.

Note:

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

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