VASP (phospho-S238) polyclonal antibody

Catalog: BS4723 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

VASP (vasodilator-stimulated phosphoprotein), is involved in the maintenance of cytoarchitecture by interacting with actin-like filaments. VASP shares a limited degree of homology with the amino terminus of WASP, which is frequently mutated in WAS patients. An established substrate of cAMP and cGMP dependent kinases, VASP is phosphorylated on a regulatory serine residue 157 and localizes to focal adhesions, microfilaments and highly active regions of the plasma membrane. VASP is a protein of between 46 and 50 kDa that is highly expressed in human platelets and, like WASP, may play a role in cytoskeletal organization.

Product:

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

Molecular Weight:

~ 40, 48 kDa

Swiss-Prot:

P50552

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

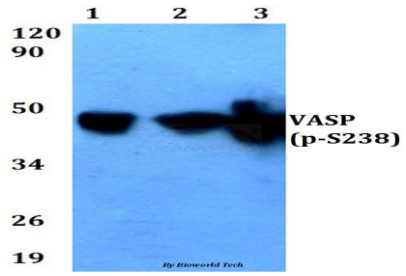
Storage&Stability:

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

Specificity:

p-VASP (S238) polyclonal antibody detects endogenous levels of VASP protein only when phosphorylated at Ser238.

DATA:

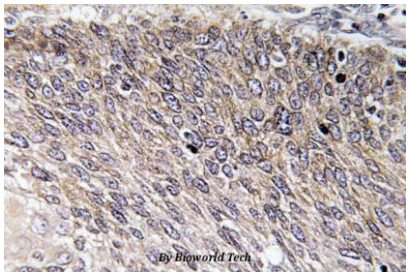


Western blot (WB) analysis of p-VASP (S238) polyclonal antibody at 1:500 dilution

Lane1:Hela cell lysate treated with forskolin (10nM, 72h)

Lane2:Raw264.7 cell lysate treated with forskolin (10nM, 72h)

Lane3:PC12 cell lysate treated with forskolin (10nM, 72h)



Immunohistochemistry (IHC) analyzes of p-VASP (S238) pAb in paraffin-embedded human cervix carcinoma tissue.

Note:

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

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