

## 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:

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

### 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

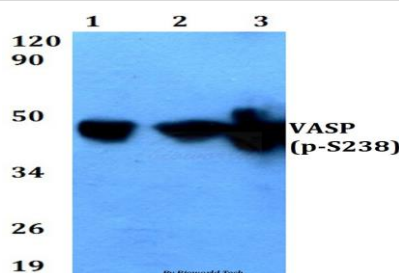
### Storage&Stability:

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

### Specificity:

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

### DATA:

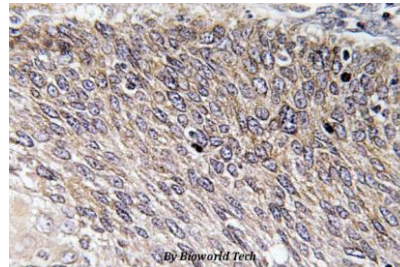


Western blot (WB) analysis of p-VASP (S238) polyclonal antibody at 1:500 dilution

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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