

VASP (phospho-S157) polyclonal antibody

Catalog: BCP01707

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

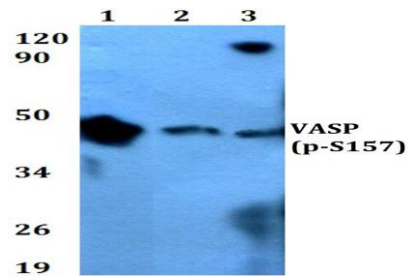
Storage&Stability:

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

Specificity:

p-VASP (S157) polyclonal antibody detects endogenous levels of VASP protein only when phosphorylated at Ser157.

DATA:



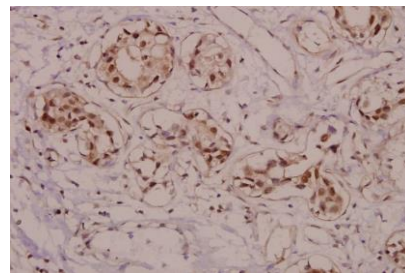
Western blot (WB) analysis of p-VASP (S157) pAb at 1:1000 dilution

Lane1: Jurkat whole cell lysate(40ug)

Lane2: K562 whole cell lysate(40ug)

Lane3: The Lung tissue lysate of Rat(40ug)

Lane4: 3T3-L1 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of p-VASP (S157) pAb in paraffin-embedded human breast carcinoma tissue at 1:50.

Note:

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