

Phospho-VASP (Ser157) Antibody



PACO24300

Product Information

Size:

100ul

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:1000,
IHC:1:50-1:100

Protein Background:

Ena/VASP proteins are actin-associated proteins involved in a range of processes dependent on cytoskeleton remodeling and cell polarity such as axon guidance, lamellipodial and filopodial dynamics, platelet activation and cell migration. VASP promotes actin filament elongation. It protects the barbed end of growing actin filaments against capping and increases the rate of actin polymerization in the presence of capping protein. VASP stimulates actin filament elongation by promoting the transfer of profilin-bound actin monomers onto the barbed end of growing actin filaments. Plays a role in actin-based mobility of *Listeria monocytogenes* in host cells. Regulates actin dynamics in platelets and plays an important role in regulating platelet aggregation.

Gene ID:

VASP

Uniprot

P50552

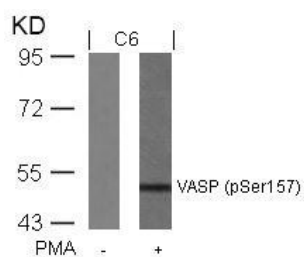
Synonyms:**Immunogen:**

Peptide sequence around phosphorylation site of serine 157 (R-V-S(p)-N-A) derived from Human VASP.

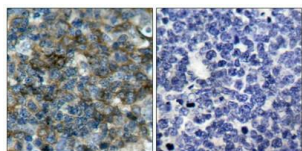
Storage:

Supplied at 1.0mg/mL in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Product Images



Western blot analysis of extracts from C6 cells untreated or treated with PMA using VASP(Phospho-Ser157) Antibody.



Immunohistochemical analysis of paraffin-embedded human tonsil carcinoma tissue using VASP(Phospho-Ser157) Antibody(left) or the same antibody preincubated with blocking peptide(right).