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35-1200: Polyclonal Antibody to VASP (Phospho-Ser157)

Clonality :	Polyclonal
Application :	WB,IHC
Reactivity :	Human,Rat
Gene :	VASP
Gene ID :	7408
Uniprot ID :	P50552
Format :	Purified
Alternative Name :	VASP
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around phosphorylation site of serine 157 (R-V-S(p)-N-A) derived from Human VASP.

Description

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.

Product Info

Amount :	50 µl / 100 µl
Content :	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.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 50kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100

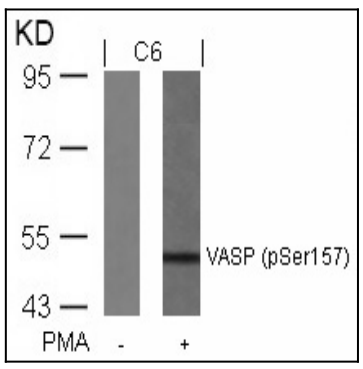

Figure 1: Western blot analysis of extracts from C6 cells untreated or treated with PMA using VASP(Phospho-Ser157) Antibody 35-1200 .

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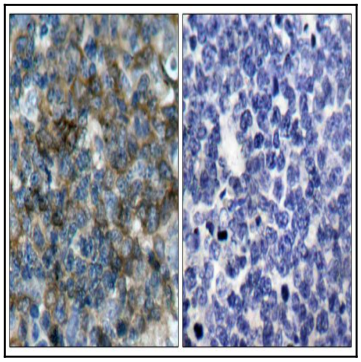

Figure 2: Immunohistochemical analysis of paraffin-embedded human tonsil carcinoma tissue using VASP(Phospho-Ser157) Antibody 35-1200 (left) or the same antibody preincubated with blocking peptide(right).