

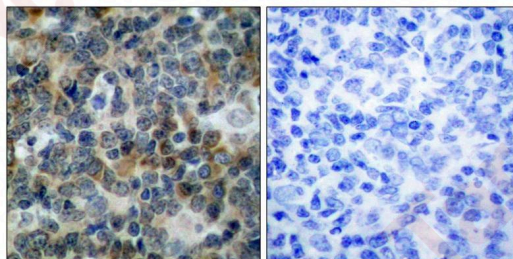
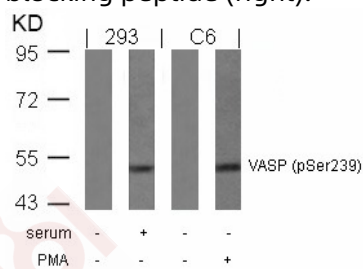
## Anti-Phospho-VASP (Ser239) Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

### Applications

- Verified Activity:
- Western blot analysis of extracts from serum-treated 293 and PMA-treated C6 cells using VASP (Phospho-Ser239) Antibody TMAC-04222.
  - Immunohistochemical analysis of paraffin-embedded human tonsil carcinoma tissue using VASP (Phospho-Ser239) Antibody TMAC-04222 (left) or the same antibody preincubated with blocking peptide (right).



Application: IHC,WB

### Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

### Antigen Details

Immunogen:	Peptide sequence around phosphorylation site of serine 238 (K-V-S(p)-K-Q) derived from Human VASP
Antigen Species:	Human
Uniprot ID:	P50552
Synonyms:	p-VASP (S239);p-VASP (Ser239);VASP (p-Ser239);VASP (p-S239)

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### Research 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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