

VASP(Phospho-Ser239) Antibody

Catalog No: #11158



Package Size: #11158-1 50ul #11158-2 100ul #11158-4 25ul

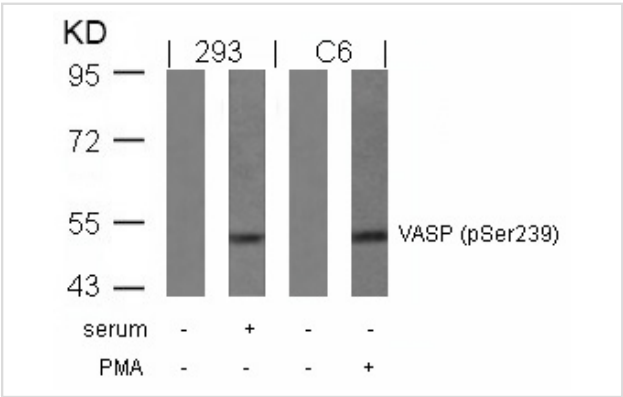
Overview

Product Name	VASP(Phospho-Ser239) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC
Species Reactivity	Hu Ms
Immunogen Type	Peptide-KLH
Target Name	VASP
Modification	Phospho-Ser239

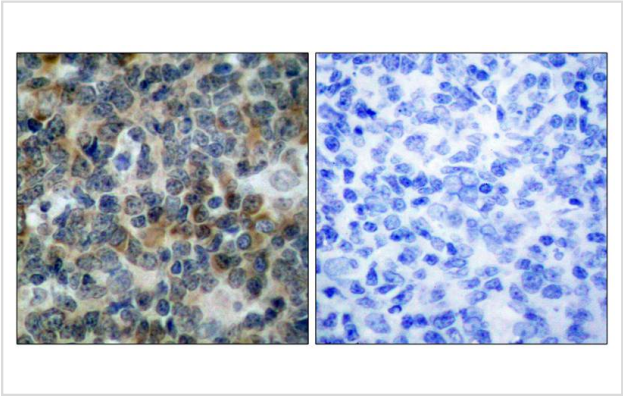
Application Details

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

Images



Western blot analysis of extracts from serum-treated 293 and PMA-treated C6 cells using VASP(Phospho-Ser239) Antibody #11158.



Immunohistochemical analysis of paraffin-embedded human tonsil carcinoma tissue using VASP(Phospho-Ser239) Antibody #11158(left) or the same antibody preincubated with blocking peptide(right).

Descriptions

Immunogen	Peptide sequence around phosphorylation site of serine 238 (K-V-S(p)-K-Q) derived from Human VASP.
Specificity	The antibody detects endogenous level of VASP only when phosphorylated at serine 239.
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.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P50552NCBI Protein: NP_003361.1

Related Information

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.

Wang HG, et al.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.