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Product Data Sheet

Purified anti-VASP

Catalog # / Size: 615601 / 50 µl (5 Western blots)
615602 / 200 µl (20 Western blots)

Clone: Poly6156

Isotype: Rabbit IgG

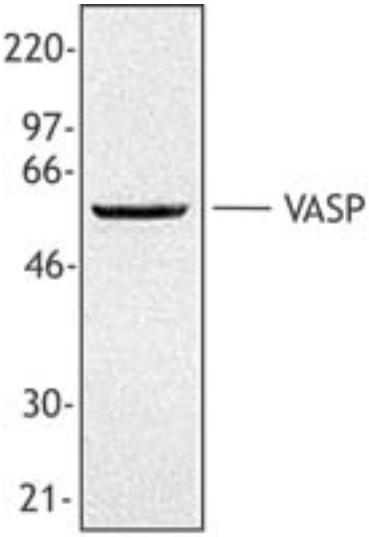
Immunogen: Recombinant (partial), C-terminal

Reactivity: Mouse, Human

Preparation: The antibody was purified by antigen-affinity chromatography.

Formulation: This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 50% glycerol.

Storage: Upon receipt, store frozen at -20° C.



HepG2 cell extract was resolved by electrophoresis, transferred to nitrocellulose, and probed with rabbit anti-VASP antibody. Proteins were visualized using a donkey anti-rabbit secondary conjugated to HRP and a chemiluminescence detection system.

Applications:

Applications: WB - *Quality tested*

Recommended Usage: Each lot of this antibody is quality control tested by Western blotting. Western blotting, suggested working dilution(s): Use 10 µl per 5 ml antibody dilution buffer for each mini-gel. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Sawada N, *et al.* 2009. *Mol Cell Biol.* PubMed

Description: VASP (vasodilator-stimulated phosphoprotein) is a 46 kD member of the Ena/VASP family that contains WH1, EVH1, and EVH2 domains as well as GPPPPP motifs. This protein forms tetramers and may act in concert with profilin to convey signal transduction to actin filament production. VASP is a crucial factor involved in enhancement of actin filament formation and has been shown to regulatee cell motility by controlling the geometry of actin filament networks within lamellipodia. VASP can be phosphorylated by PKA and PKG; phosphorylation disrupts protein associations. VASP has been shown to interact with PKA, PKG, actin, vinculin, zyxin, profilin, F-actin, and c-abl. The Poly6156 antibody recognizes the C-terminal region of human and mouse VASP and has been shown to be useful for Western blotting.

Antigen References:
1. Haffner C, *et al.* 1995. *EMBO J.* 14:19.
2. Reinhard M, *et al.* 1995. *EMBO J.* 14:1583.
3. Walders-Harbeck B, *et al.* 2002. *FEBS Lett.* 529:275.
4. Massberg S, *et al.* 2004. *Blood*. 103:136.

Related Products:

Product	Clone	Application
Purified anti-PKA (catalytic domain)	3B2	WB
HRP Donkey anti-rabbit IgG (minimal x-reactivity)	Poly4064	ELISA, IHC, WB

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