

Purified anti-VASP

Catalog # / Size: 615601 / 50 μ l (5 Western blots)
615602 / 200 μ l (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.

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 μ l 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 regulate 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.

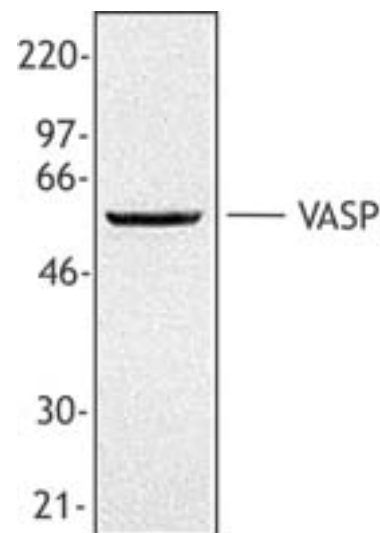
Antigen References: 1. Haffner C, *et al.* 1995. *EMBO J.* 14:19.
2. Reinhard M, *et al.* 1995. *EMBO J.* 14:1583.
3. Walders-Harbeck B, *et al.* 2002. *FEBS Lett.* 529:275.
4. Massberg S, *et al.* 2004. *Blood.* 103:136.

Related Products:

Product
Purified anti-PKA (catalytic domain)
HRP Donkey anti-rabbit IgG (minimal x-reactivity)

Clone
3B2
Poly4064

Application
WB
ELISA, IHC, WB



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.



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