Anti-Phospho-VASP (Ser156) Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R014325

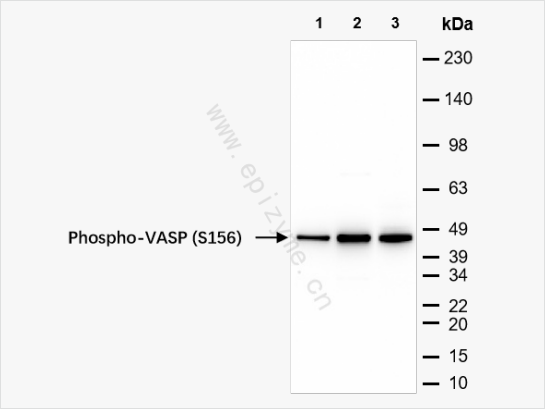
Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	20D94Q11
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Phospho-VASP (S156)
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-VASP (Ser156) Rabbit mAb [20D94Q11] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	Vasodilator stimulated phosphoprotein, Vasodilator-stimulated phosphoprotein, VASP, VASP_HUMAN.
Calculated MW	Calculated MW: 40 kDa; Observed MW: 46 kDa
Uniprot ID	P50552
Gene ID	7408
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.
Cellular Location	Cytoplasm. Cytoplasm > cytoskeleton. Cell junction > focal adhesion. Cell projection > lamellipodium membrane. Cell projection > filopodium membrane. Targeted to stress fibers and focal adhesions through interaction with a number of proteins including MRL family members. Localizes to the plasma membrane in protruding lamellipodia and filopodial tips. Stimulation by thrombin or PMA, also translocates VASP to focal adhesions. Localized along the sides of actin filaments throughout the peripheral cytoplasm under basal conditions.
Tissue Location	Highly expressed in platelets.

Validation Images



Western Blot - Anti-Phospho-VASP (Ser156) Rabbit mAb [20D94Q11]
All lanes: R014325 at 1:1,000 dilution
Lane 1: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates
Lane 2: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lane 3: Rat spleen whole tissue lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 40 kDa
Observed band size: 46 kDa
Developed using the ECL technique (Cat. No. SQ201).