

Datasheet for ABIN746753
anti-VASP antibody (pSer239)



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1 Image

Overview

Quantity:	100 µL
Target:	VASP
Binding Specificity:	pSer239
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VASP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human VASP around the phosphorylation site of Ser239
Isotype:	IgG
Specificity:	This phosphorylation site is homologous to that of Ser235 in Mouse and Ser236 in Rat.
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow
Purification:	Purified by Protein A.

Target Details

Target:	VASP
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Target Details

Alternative Name: [VASP \(VASP Products\)](#)

Background: Synonyms: Vasodilator-stimulated phosphoprotein, VASP
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.

Gene ID: 7408

UniProt: [P50552](#)

Pathways: [TCR Signaling](#), [Regulation of Actin Filament Polymerization](#), [Tube Formation](#)

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

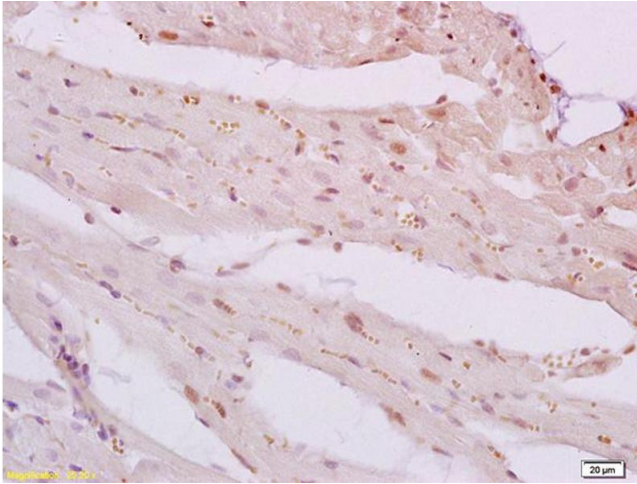
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat heart tissue labeled with Anti-Phospho-VASP(Ser239) Polyclonal Antibody, Unconjugated (ABIN746753) at 1:200 followed by conjugation to the secondary antibody and DAB staining