

Anti-VASP (Thr-278), Phosphospecific Antibody

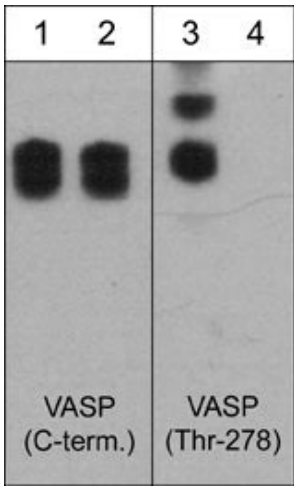


Product Details

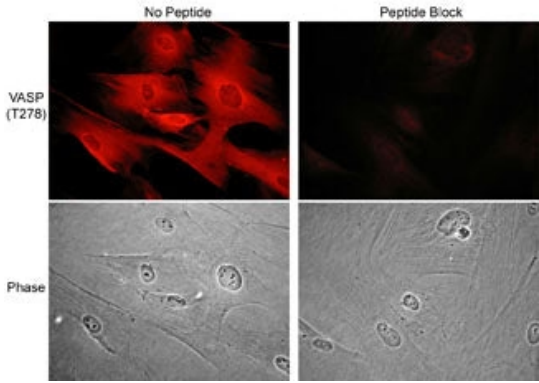
Available Variants	100 µL (SKU:VP2781)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	VASP
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, ICC, WB
Dilution Ranges	WB: 1:1000 ICC: 1:100
Species Reactivity	Human, Mouse, Rat
Immunogen	Phospho-VASP (Thr-278) synthetic peptide (coupled to carrier protein) corresponding to amino acids surrounding threonine 278 in human VASP. This sequence has significant homology to the conserved site in rat and mouse VASP, but is not conserved in mena or EVL proteins.
Specificity	The antibody detects a 50 kDa* band corresponding to VASP in Western blots of human A431 and HeLa cells, as well as mouse C2C12 cells that have been treated with calyculin A.
Molecular Weight	50
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.

UniProt ID	<u>P50552</u>
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	Thr-278

Product Images



Western blot image of human A431 cells stimulated with calyculin A (100 nM) for 30 min. The blots were untreated (lanes 1 & 3) or treated with lambda phosphatase (lanes 2 & 4), then probed with mouse monoclonal VASP (C-term.) antibody (lanes 1 & 2) or rabbit polyclonal VASP (Thr-278) phospho-specific antibody (lanes 3 & 4).



Immunocytochemical labeling of VASP phosphorylation in rabbit spleen fibroblasts treated with Calyculin A. The cells were labeled with rabbit polyclonal VASP (Thr-278) antibody, then detected using appropriate secondary antibodies conjugated to Cy3. The antibody was used in the absence (top left) or presence (top right) of blocking peptide (VX2785). Corresponding phase images are shown bottom left and right.



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