

Anti-Vav2 (Tyr-142) [conserved site], Phosphospecific Antibody

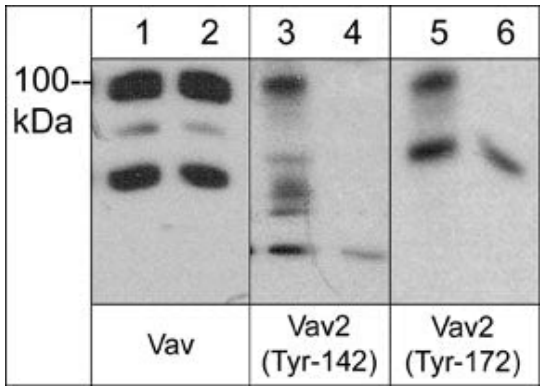


Product Details

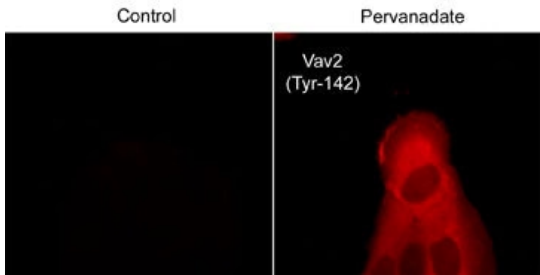
Available Variants	100 µL (SKU:VP2561)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	VAV2
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, ICC, WB
Dilution Ranges	WB: 1:1000 ICC: 1:100
Species Reactivity	Chicken, Human, Mouse, Rat
Immunogen	Phospho-Vav2 (Tyr-142) synthetic peptide (coupled to KLH) corresponding to amino acid residues surrounding Tyr-142 in mouse Vav2. This sequence has high homology with similar regions in rat and human Vav2, and has significant homology to the conserved site in Vav1 and Vav3.
Specificity	This antibody was cross-adsorbed to unphosphorylated Vav2 (Tyr-142) peptide before affinity purification using phospho-Vav2 (Tyr-142) peptide (without carrier). The antibody detects a 100 kDa* band corresponding to Vav on SDS-PAGE immunoblots of human A431 cells treated with EGF and detects Vav1, Vav2, and Vav3 in Jurkat cells treated with pervanadate. The antibody does not detect these Vavs after treatment with alkaline phosphatase.
Molecular Weight	100

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>Q60992</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	Tyr-142

Product Images



Western blot of human A431 cells treated with EGF (lanes 1, 3, & 5) then the blot was exposed to alkaline phosphatase (lanes 2, 4, & 6). The blots were probed with anti-Vav (a.a. 165-174) (lanes 1 & 2), anti-Vav2 (Tyr-142) (lanes 3 & 4), or anti-Vav2 (Tyr-172) (lanes 5 & 6).



Immunocytochemical labeling of VAV2 in control and pervanadate-treated human A431 cells. The cells were fixed in paraformaldehyde and permeabilized using NP-40. Then labeled with rabbit polyclonal Vav2 (Tyr-142). The antibody was detected using goat anti-rabbit DyLight® 594.



Created on 01. September 2026 | All information without guarantee