

RABBIT ANTI-HUMAN VAV3 POLYCLONAL ANTIBODY

CATALOG NUMBER:	AB3889	QUANTITY:	50 µg
LOT NUMBER:		CONCENTRATION:	1.16 mg/mL
		HOST:	Rabbit
BACKGROUND:	Vav proteins function as Rho family guanine nucleotide exchange factors (GEFs), binding to the nucleotide-free state of these GTPases. The Rho family of GTPases are a key class of signaling molecules that mediate receptor induced rearrangements of the actin cytoskeleton, activation of kinase cascades and changes in gene transcription. Vav-3 is an exchange factor for RhoA, RhoG and, to a lesser extent, Rac1.		
SPECIFICITY:	Recognizes human Vav3. This antibody detects a band of approximately 98 kDa in Western blot analysis of HeLa cell lysate. Lower molecular weight non-specific bands may be eliminated by using the antibody at a higher dilution.		
IMMUNOGEN:	Synthetic peptide corresponding to amino acid residues 566-591 of human Vav3 (Accession # Q9UKW4).		
APPLICATIONS:	Western blot: 1:5,000 – 1:10,000 <i>Optimal working dilutions must be determined by the end user.</i>		
SPECIES REACTIVITY:	Human. Reactivity with other species has not been tested.		
CONTROL:	Western blot positive control: HeLa cell line		
FORMAT:	Affinity purified immunoglobulin		
PRESENTATION:	Liquid in 0.02M Phosphate Buffer, 0.25M NaCl, with 0.1% sodium azide.		
STORAGE/HANDLING:	Maintain at 2-8°C for up to 12 months from date of receipt.		

For research use only; not for use as a diagnostic.

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

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