

## ARG63630 anti-VAV3 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes VAV3
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognize both reported isoforms (NP_006104.4; NP_001073343.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	VAV3
Species	Human
Immunogen	CSGEQGTLKLPEK
Conjugation	Un-conjugated
Alternate Names	Guanine nucleotide exchange factor VAV3; VAV-3

### Application Instructions

Application table	Application	Dilution
	IHC-P	7.5 µg/ml
	WB	0.5 - 1.5 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

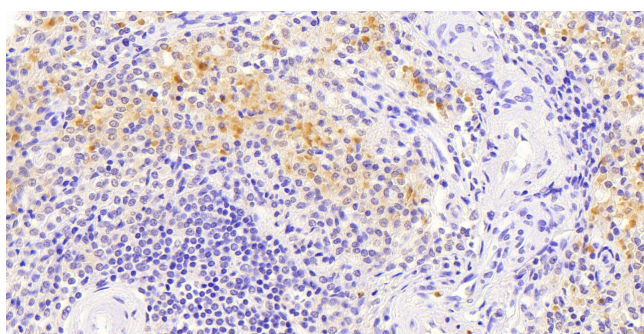
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

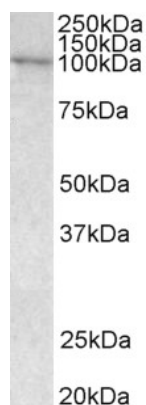
Database links	<a href="#">GeneID: 10451 Human</a> <a href="#">Swiss-port # Q9UKW4 Human</a>
Background	This gene is a member of the VAV gene family. The VAV proteins are guanine nucleotide exchange factors (GEFs) for Rho family GTPases that activate pathways leading to actin cytoskeletal rearrangements and transcriptional alterations. This gene product acts as a GEF preferentially for RhoG, RhoA, and to a lesser extent, RAC1, and it associates maximally with the nucleotide-free states of these GTPases. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008]
Research Area	Cancer antibody; Signaling Transduction antibody
Calculated Mw	98 kDa
PTM	Phosphorylated. Phosphorylation can be mediated by ROS1. In osteoclasts, undergoes tyrosine phosphorylation in response to CSF1 (By similarity).

## Images



ARG63630 anti-VAV3 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human spleen tissue. Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0). The tissue section was stained with ARG63630 anti-VAV3 antibody at 7.5 µg/ml dilution followed by HRP-staining.



ARG63630 anti-VAV3 antibody WB image

Western blot: 35 µg of Human bone marrow lysate (in RIPA buffer) stained with ARG63630 anti-VAV3 antibody at 0.5 µg/ml dilution and incubated at RT for 1 hour.