

## Product datasheet for **AP55844PU-S**

### VAV3 pTyr173 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	<b>Western blot:</b> 1:500~1:1000.
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Peptide sequence around phosphorylation site of tyrosine 173 (E-V-Y(p)-E-D) derived from Human VAV3 (KLH-conjugated)
Specificity:	The antibody detects endogenous levels of VAV3 only when phosphorylated at tyrosine 173.
Formulation:	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography using epitope-specific peptide
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	100 kDa
Gene Name:	vav guanine nucleotide exchange factor 3
Database Link:	<a href="#">Entrez Gene 10451 Human Q9UKW4</a>



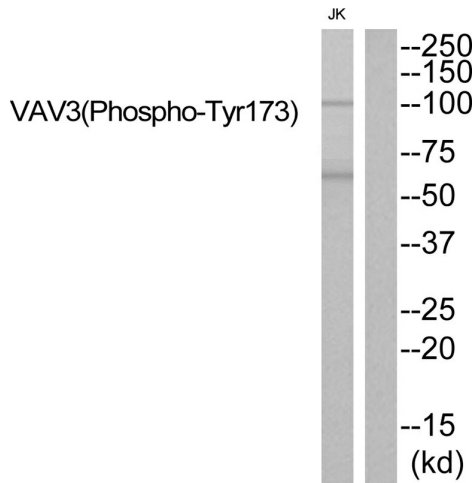
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**Background:**

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.

**Synonyms:**

VAV-3

**Product images:**


Western blot analysis of extracts from JK cells using VAV3 (Phospho-Tyr173) Antibody. The lane on the right is treated with the antigen-specific peptide.