



# Vav2 (phospho Tyr142) rabbit pAb

Cat No.:ES7489

For research use only

## Overview

<b>Product Name</b>	Vav2 (phospho Tyr142) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human VAV2 around the phosphorylation site of Tyr142. AA range:108-157
<b>Specificity</b>	Phospho-Vav2 (Y142) Polyclonal Antibody detects endogenous levels of Vav2 protein only when phosphorylated at Y142.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Guanine nucleotide exchange factor VAV2
<b>Gene Name</b>	VAV2
<b>Cellular localization</b>	cytosol,plasma membrane,
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	101kD
<b>Human Gene ID</b>	7410
<b>Human Swiss-Prot Number</b>	P52735
<b>Alternative Names</b>	VAV2; Guanine nucleotide exchange factor VAV2; VAV-2
<b>Background</b>	VAV2 is the second member of the VAV guanine nucleotide exchange factor family of oncogenes. Unlike VAV1, which is expressed exclusively in



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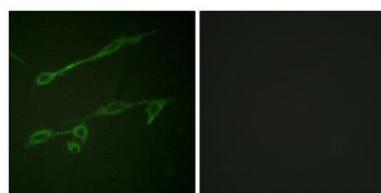
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hematopoietic cells, VAV2 transcripts were found in most tissues. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008],

Immunofluorescence analysis of NIH/3T3 cells, using VAV2 (Phospho-Tyr142) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human brain, using VAV2 (Phospho-Tyr142) Antibody. The picture on the right is blocked with the phospho peptide.

