Product Name: **Vav2 (phospho Tyr142) Rabbit Polyclonal Antibody**
Catalog #: **APRab05615**
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	101kDa

Antigen Information

Gene Name	VAV2
Alternative Names	VAV2; Guanine nucleotide exchange factor VAV2; VAV-2
Gene ID	7410.0
SwissProt ID	P52735
Immunogen	The antiserum was produced against synthesized peptide derived from human VAV2 around the phosphorylation site of Tyr142. AA range:108-157

Background

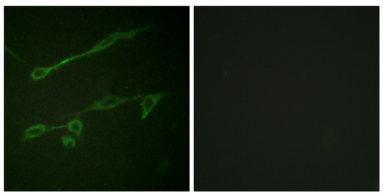
VAV2 is the second member of the VAV guanine nucleotide exchange factor family of oncogenes. Unlike VAV1, which is

expressed exclusively in 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],function:Guanine nucleotide exchange factor for the Rho family of Ras-related GTPases.,similarity:Contains 1 CH (calponin-homology) domain.,similarity:Contains 1 DH (DBL-homology) domain.,similarity:Contains 1 PH domain.,similarity:Contains 1 phorbol-ester/DAG-type zinc finger.,similarity:Contains 1 SH2 domain.,similarity:Contains 2 SH3 domains.,tissue specificity:Widely expressed.,

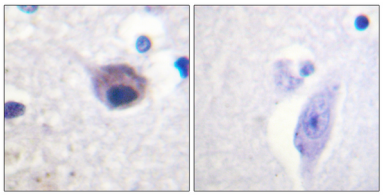
Research Area

Regulation of Actin Dynamics; AMPK

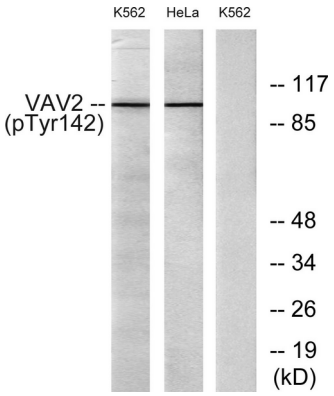
Image Data



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.



Western blot analysis of lysates from HeLa cells and K562 cells treated with TNF 20ng/ml 30 ', using VAV2 （Phospho-Tyr142） Antibody. The lane on the right is blocked with the phospho peptide.