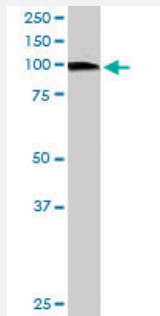


VAV2 polyclonal antibody

Catalog # PAB6123 Size 100 ug

Applications



Western Blot (Cell lysate)

VAV2 polyclonal antibody (Cat # PAB6123) staining (1.5 ug/mL) of 293 lysate (RIPA buffer, 30 ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of VAV2.
Immunogen	A synthetic peptide corresponding to human VAV2.
Sequence	ETEAKEYRTLEDIEC
Host	Goat
Theoretical MW (kDa)	101, 97.0
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:32000) Western Blot (1-1.5 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

VAV2 polyclonal antibody (Cat # PAB6123) staining (1.5 ug/mL) of 293 lysate (RIPA buffer, 30 ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — VAV2

Entrez GeneID	7410
Protein Accession#	NP_003362
Gene Name	VAV2
Gene Alias	-
Gene Description	vav 2 guanine nucleotide exchange factor
Omim ID	600428
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	OTTHUMP00000022509 Protein vav-2 oncogene VAV2 vav 2 oncogene

Publication Reference

- [Identification of VAV2 on 9q34 and its exclusion as the tuberous sclerosis gene TSC1.](#)

Henske EP, Short MP, Jozwiak S, Bovey CM, Ramlakhan S, Haines JL, Kwiatkowski DJ.

Annals of Human Genetics 1995 Jan; 59(1):25.

Application: WB-Re, WB-Ti, Human, Recombinant proteins, Tissues

Pathway

- [B cell receptor signaling pathway](#)
- [Chemokine signaling pathway](#)
- [Fc epsilon RI signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Focal adhesion](#)
- [Leukocyte transendothelial migration](#)
- [Natural killer cell mediated cytotoxicity](#)
- [Regulation of actin cytoskeleton](#)
- [T cell receptor signaling pathway](#)

Disease

- [Angina Pectoris](#)
- [Coronary Vasospasm](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Kidney Failure](#)
- [Multiple Sclerosis](#)