

VAV2 Antibody
Purified Mouse Monoclonal Antibody
Catalog # AO2020a**Specification****VAV2 Antibody - Product Information**

Application	WB, FC, E
Primary Accession	P52735
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	101.3kDa KDa

Description

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.

Immunogen

Purified recombinant fragment of human VAV2 (AA: 552-868) expressed in E. Coli.

Formulation

Purified antibody in PBS with 0.05% sodium azide

VAV2 Antibody - Additional Information

Gene ID 7410

Other Names

Guanine nucleotide exchange factor VAV2, VAV-2, VAV2

Dilution

WB~~1/500 - 1/2000

FC~~1/200 - 1/400

E~~1/10000

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

VAV2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

VAV2 Antibody - Protein Information

Name VAV2

Function

Guanine nucleotide exchange factor for the Rho family of Ras- related GTPases. Plays an important role in angiogenesis. Its recruitment by phosphorylated EPHA2 is critical for EFNA1-induced RAC1 GTPase activation and vascular endothelial cell migration and assembly (By similarity).

Tissue Location

Widely expressed.

VAV2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)