10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

VAV2 Antibody

Rabbit mAb
Catalog # AP90715

Product Information

Application	WB, IHC, IF, ICC, IP, IHF
Primary Accession	P52735
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	VAV2; Vav 2 oncogene; VAV-2;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	101289

Additional Information

Dilution	WB 1:5000~1:20000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:100
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human VAV2
Description	Vav proteins belong to the Dbl family of guanine nucleotide exchange factors (GEFs) for Rho/Rac small GTPases. The three identified mammalian Vav proteins (Vav1, Vav2 and Vav3) differ in their expression. Vav1 is expressed only in hematopoietic cells and is involved in the formation of the immune synapse. Vav2 and Vav3 are more ubiquitously expressed.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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.

Images

Western blot analysis of VAV2 expression in 293T cell lysate.

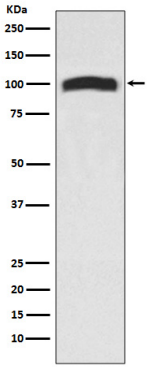


Image not found : 202311/AP90715-IHC.jpg

Immunohistochemical analysis of paraffin-embedded human breast cancer, using VAV2 Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.