

For Research Use Only

VAV1 Polyclonal antibody, PBS Only

Catalog Number: 16364-1-PBS

Featured Product



Basic Information

Catalog Number:

16364-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9049

GenBank Accession Number:

BC013361

GeneID (NCBI):

7409

UNIPROT ID:

P15498

Full Name:

vav 1 guanine nucleotide exchange factor

Calculated MW:

845 aa, 98 kDa

Observed MW:

98 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IP, Indirect ELISA

Species Specificity:

human

Background Information

Vav proteins mainly act as enzymes that catalyze the activation step of Rho subfamily GTPases during cell signaling. There are three family members: VAV1, VAV2 and VAV3. Vav1 is specifically expressed in the hematopoietic system, whereas Vav2 and Vav3 are more ubiquitously expressed (PMID:14607270). Vav1 is physiologically active as a GDP/GTP nucleotide exchange factor (GEF) in the hematopoietic system (PMID:31654719).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

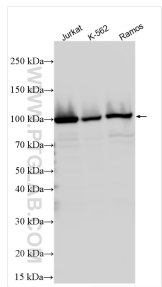
T: 4006900926

E: Proteintech-CN@ptglab.com

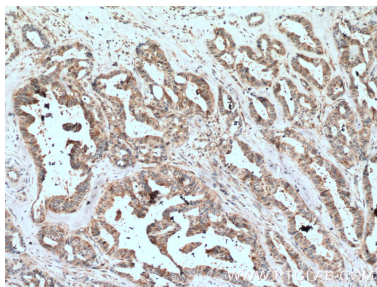
W: ptgcn.com

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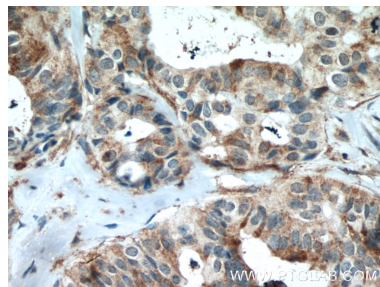
Selected Validation Data



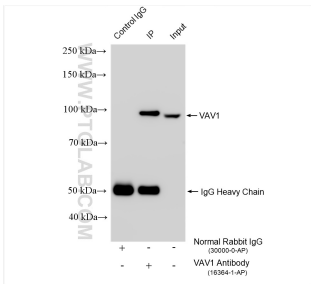
Various lysates were subjected to SDS PAGE followed by western blot with 16364-1-AP (VAV1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16364-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 16364-1-AP (VAV1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 16364-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 16364-1-AP (VAV1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 16364-1-PBS in a different storage buffer formulation.



IP result of anti-VAV1 (IP:16364-1-AP, 4ug; Detection:16364-1-AP 1:4000) with K-562 cells lysate 1800 ug. This data was developed using the same antibody clone with 16364-1-PBS in a different storage buffer formulation.