

Product datasheet

Anti-VAV1 antibody ab97574

[7 References](#) [4 Images](#)

Overview

Product name	Anti-VAV1 antibody
Description	Rabbit polyclonal to VAV1
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Human
Immunogen	Recombinant protein fragment containing a sequence corresponding to a region within amino acids 83 and 538 of Human VAV1 (NP_005419)
Positive control	WB: Jurkat, NCI-H929 and BCL-1 whole cell lysate. IHC-P: Human serous ovarian cancer.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 79% PBS, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab97574 in the following tested applications.

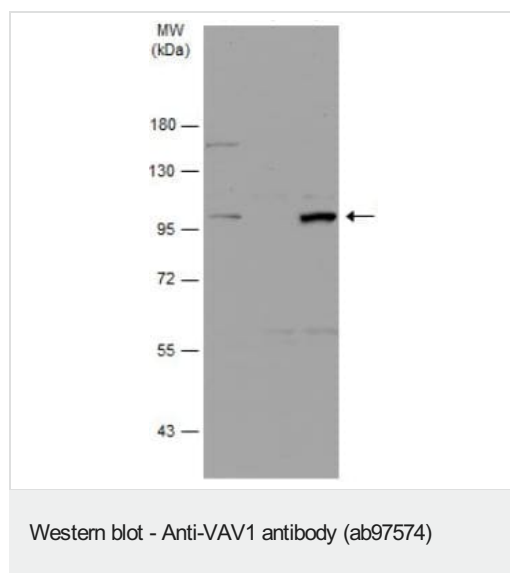
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 98 kDa.
IHC-P		1/100 - 1/1000.

Target

Function	Couples tyrosine kinase signals with the activation of the Rho/Rac GTPases, thus leading to cell differentiation and/or proliferation.
Tissue specificity	Widely expressed in hematopoietic cells but not in other cell types.
Sequence similarities	Contains 1 CH (calponin-homology) domain. Contains 1 DH (DBL-homology) domain. Contains 1 PH domain. Contains 1 phorbol-ester/DAG-type zinc finger. Contains 1 SH2 domain. Contains 2 SH3 domains.
Domain	The DH domain is involved in interaction with CCPG1.
Post-translational modifications	Phosphorylated on tyrosine residues.

Images



All lanes : Anti-VAV1 antibody (ab97574) at 1/500 dilution

Lane 1 : Jurkat (human T cell leukemia cell line from peripheral blood) whole cell lysate

Lane 2 : Raji (human Burkitt's lymphoma cell line) whole cell lysate

Lane 3 : NCI-H929 (human bone marrow lymphoblast cell line) whole cell lysate

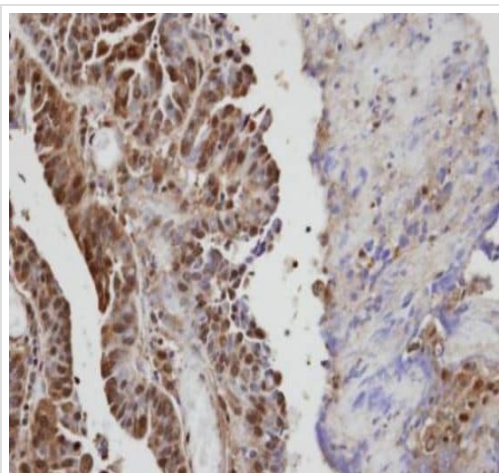
Lysates/proteins at 30 µg per lane.

Secondary

All lanes : HRP-conjugated anti-rabbit IgG antibody

Predicted band size: 98 kDa

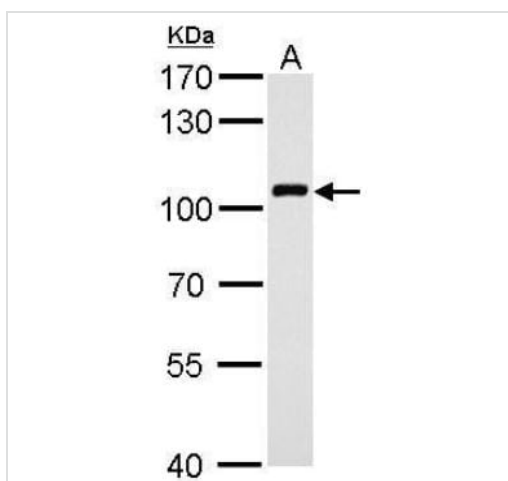
7.5% SDS-PAGE



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-VAV1 antibody (ab97574)

Paraffin-embedded human serous ovarian cancer tissue stained VAV1 using ab97574 at 1/100 dilution in immunohistochemical analysis.

Antigen Retrieval: EDTA based buffer, pH 8.0, 15min



Western blot - Anti-VAV1 antibody (ab97574)

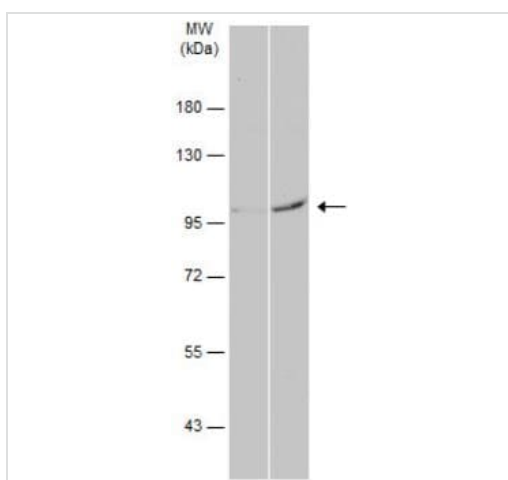
Anti-VAV1 antibody (ab97574) at 1/1000 dilution + BCL-1 (mouse B lymphocyte lymphoma cell line) whole cell lysate at 30 µg

Secondary

HRP-conjugated anti-rabbit IgG antibody

Predicted band size: 98 kDa

7.5% SDS-PAGE



Western blot - Anti-VAV1 antibody (ab97574)

All lanes : Anti-VAV1 antibody (ab97574) at 1/500 dilution

Lane 1 : Jurkat (human T cell leukemia cell line from peripheral blood) whole cell lysate

Lane 2 : NCI-H1299 (human lung carcinoma cell line) whole cell lysate

Lysates/proteins at 30 µg per lane.

Secondary

All lanes : HRP-conjugated anti-rabbit IgG antibody

Predicted band size: 98 kDa

7.5% SDS-PAGE

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