

Datasheet for ABIN7271305

anti-VAV3 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	VAV3
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This VAV3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	VAV3 Rabbit mAb
Immunogen:	A synthesized peptide derived from human VAV3
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	VAV3
Alternative Name:	VAV3 (VAV3 Products)
Background:	This gene is a member of the VAV gene family. The VAV proteins are guanine nucleotide

Target Details

exchange factors (GEFs) for Rho family GTPases that activate pathways leading to actin cytoskeletal rearrangements and transcriptional alterations. This gene product acts as a GEF preferentially for RhoG, RhoA, and to a lesser extent, RAC1, and it associates maximally with the nucleotide-free states of these GTPases. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008],B Cell Receptor Signaling Pathway,Cancer,Cell Biology & Developmental Biology,Cell Cycle,Cytoskeleton,Cytoskeleton_Actins,G protein signaling,G protein signaling_Small G proteins,Immunology & Inflammation,Signal Transduction,T Cell Receptor Signaling Pathway,VAV3

Molecular Weight: 98kDa

Gene ID: 10451

UniProt: [Q9UKW4](#)

Pathways: [Fc-epsilon Receptor Signaling Pathway](#), [Neurotrophin Signaling Pathway](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

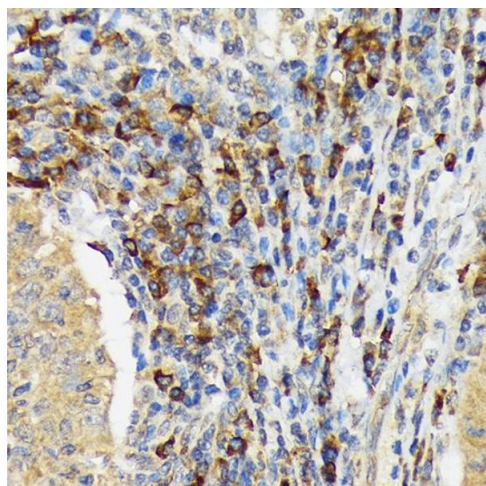
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

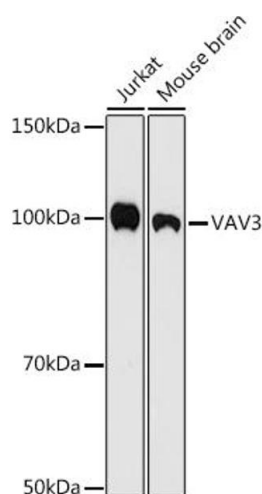
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human esophageal cancer using V Rabbit mAb (ABIN7271305) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using V antibody (ABIN7271305) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 180s.