

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 ( <a href="#">VAV3 Products</a> )
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

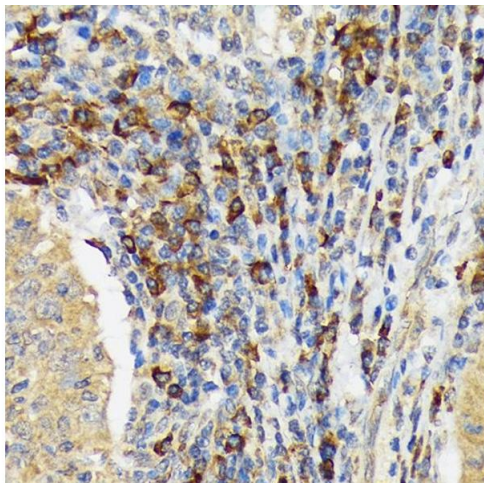
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

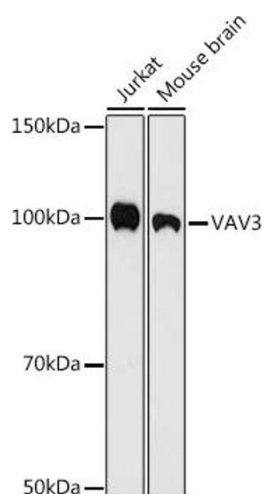
Storage: -20 °C

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.