

Datasheet for ABIN184702
anti-VAV2 antibody (Internal Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	VAV2
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This VAV2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	VAV2
Immunogen:	Peptide with sequence ETEAKYYRTLEDIEC, from the internal region of the protein sequence according to NP_001127870.1, NP_003362.2.
Sequence:	ETEAKEYRTL EDIEC
Isotype:	IgG
Specificity:	This antibody is expected to recognise both reported isoforms (NP_001127870.1 and NP_003362.2).
Cross-Reactivity:	Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target:	VAV2
Alternative Name:	VAV2 (VAV2 Products)
Background:	VAV2, vav 2 oncogene, Oncogene VAV2, vav 2 guanine nucleotide exchange factor, Protein vav-2, oncogene VAV2
Gene ID:	7410, 22325
NCBI Accession:	NP_001127870 , NP_003362
Pathways:	Fc-epsilon Receptor Signaling Pathway , Neurotrophin Signaling Pathway

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Colon. Recommended concentration: 2.5 µg/mL. Western Blot: Approx 100 kDa band observed in 293 lysate (predicted MW of 100 kDa according to NP_003362). Recommended for use at 1-1.5 µg/mL. Peptide ELISA: antibody detection limit dilution 1:32000.
Comment:	Additional validation: This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371.
Restrictions:	For Research Use only

Handling

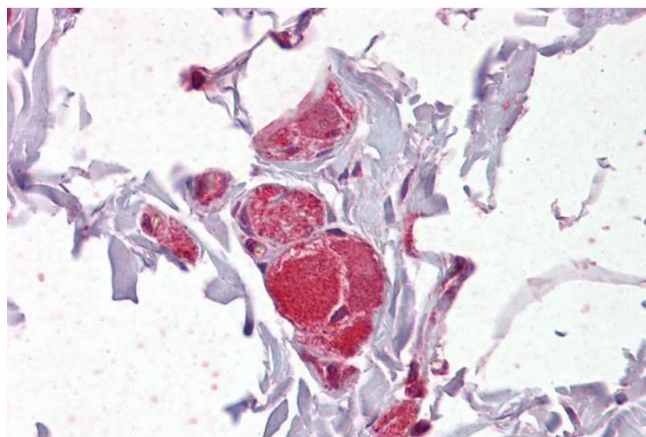
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.

Handling

Storage: -20 °C

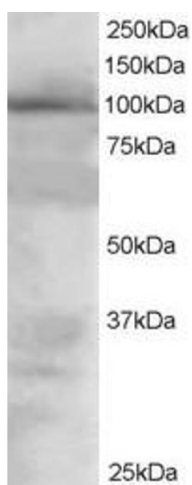
Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



Immunohistochemistry

Image 1. ABIN184702 (2.5µg/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN184702 staining (1.5µg/ml) of 293 lysate (RIPA buffer, 30µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.