

## Goat anti-VAV2 Antibody

Item Number	dAP-0205
Target Molecule	Principle Name: VAV2; Official Symbol: VAV2; All Names and Symbols: VAV2; vav 2 oncogene; Oncogene VAV2; vav 2 guanine nucleotide exchange factor; Protein vav-2; oncogene VAV2; Accession Number (s): NP_001127870.1; NP_003362.2; Human Gene ID(s): 7410; Non-Human GenelD(s): 22325 (mouse)
Immunogen	ETEAKYYRTLEDIEC, is from internal region This antibody is expected to recognise both reported isoforms (NP_001127870.1 and NP_003362.2).
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 100kDa band observed in 293 lysate (predicted MW of 100kDa according to NP_003362). Recommended for use at 1-1.5µg/ml.
IHC	Immunohistochemistry: Paraffin embedded Human Colon. Recommended concentration: 2.5µg/ml.
Reference	Reference(s): Henske EP, Short MP, Jozwiak S, Bovey CM, Ramlakhan S, Haines JL, Kwiatkowski DJ. Identification of VAV2 on 9q34 and its exclusion as the tuberous sclerosis gene TSC1. Ann Hum Genet. 1995 Jan;59 ( Pt 1):25-37.. PMID: 7762982->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**