

Anti-VIPR1 Antibody (Cytoplasmic Domain)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17502**Specification**

Anti-VIPR1 Antibody (Cytoplasmic Domain) - Product Information

Application	IHC-P
Primary Accession	P32241
Predicted	Human, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51547

Anti-VIPR1 Antibody (Cytoplasmic Domain) - Additional Information**Gene ID** 7433**Alias Symbol** VIPR1**Other Names**

VIPR1, HVR1, PACAP type II receptor, PACAP-R-2, Pvr2, RDC1, Vip receptor subtype 1, Vpac1 receptor, V1RG, VIP receptor 1, VIPR, VIRG, VPCAP1R, PACAP-R2, VAPC1, VIP and PACAP receptor 1, VPAC1R, Pacap receptor, type ii, Type II PACAP receptor, VIP rec ...

Target/Specificity

Human VIP Receptor 1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-VIPR1 Antibody (Cytoplasmic Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-VIPR1 Antibody (Cytoplasmic Domain) - Protein Information**Name** VIPR1 ([HGNC:12694](#))**Function**G protein-coupled receptor activated by the neuropeptides vasoactive intestinal peptide (VIP) and pituitary adenylate cyclase-activating polypeptide (ADCYAP1/PACAP) (PubMed: [35477937](http://www.uniprot.org/citations/35477937), PubMed: [36385145](http://www.uniprot.org/citations/36385145), PubMed: [8179610](http://www.uniprot.org/citations/8179610)). Binds VIP and both PACAP27 and PACAP38 bioactive peptides with the following order of ligand affinity VIP = PACAP27 > PACAP38 (PubMed: [35477937](http://www.uniprot.org/citations/35477937), PubMed: [8179610](http://www.uniprot.org/citations/8179610)). Ligand binding causes a conformation change that triggers

signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of downstream effectors. Activates cAMP-dependent pathway (PubMed:35477937, PubMed:36385145, PubMed:8179610).

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

In lung, HT-29 colonic epithelial cells, Raji B- lymphoblasts. Lesser extent in brain, heart, kidney, liver and placenta. Not expressed in CD4+ or CD8+ T-cells. Expressed in the T- cell lines HARRIS, HuT 78, Jurkat and SUP-T1, but not in the T-cell lines Peer, MOLT-4, HSB and YT.

Anti-VIPR1 Antibody (Cytoplasmic Domain) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-VIPR1 Antibody (Cytoplasmic Domain) - Images