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Anti-VPAC2 / VIPR2 Antibody (Internal)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17541

Product Information

Application	IHC-P
Primary Accession	P41587
Predicted	Human, Monkey, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49479
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	7434
Alias Symbol	VIPR2
Other Names	VIPR2, C16DUPq36.3, DUP7q36.3, PACAP-R-3, Pvr3, Vip type-2 receptor, Vip-r2, Vip2 receptor, PACAP type III receptor, Pacap type-3, PACAP-R3, PACAPR-3, VIP and PACAP receptor 2, VIP-R-2, VIP2R, VPAC2, VPCAP2R, PACAP3, Vip2, VPAC2R
Target/Specificity	Human VIPR2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-VPAC2 / VIPR2 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	VIPR2 (HGNC:12695)
Synonyms	VIP2R
Function	G protein-coupled receptor activated by the neuropeptides vasoactive intestinal peptide (VIP) and pituitary adenylate cyclase- activating polypeptide (ADCYAP1/PACAP) (PubMed:7811244, PubMed:35477937, PubMed:8933357). Binds VIP and both PACAP27 and PACAP38 bioactive peptides with the following order of potency PACAP38 = VIP > PACAP27 (PubMed:35477937, PubMed:8933357). 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:7811244, PubMed:35477937, PubMed:8933357). May be coupled to

	phospholipase C.
Cellular Location	Cell membrane; Multi-pass membrane protein
Tissue Location	Expressed in CD4+ T-cells, but not in CD8+ T-cells. Expressed in the T-cell lines Jurkat, Peer, MOLT-4, HSB, YT and SUP-T1, but not in the T-cell lines HARRIS and HuT 78

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.