

Immunotag™ VPAC2 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT4888
Product Description	Immunotag™ VPAC2 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	VPAC2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,IF,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from VPAC2, at AA range: 50-130
Specificity	VPAC2 Polyclonal Antibody detects endogenous levels of VPAC2 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	VIPR2
Accession No.	P41587 P41588 P35000
Alternate Names	VIPR2; VIP2R; Vasoactive intestinal polypeptide receptor 2; VIP-R-2; Helodermin-preferring VIP receptor; Pituitary adenylate cyclase-activating polypeptide type III receptor; PACAP type III receptor; PACAP-R-3; PACAP-R3; VPAC2

Antibody Specification

Description	vasoactive intestinal peptide receptor 2(VIPR2) Homo sapiens This gene encodes a receptor for vasoactive intestinal peptide, a small neuropeptide. Vasoactive intestinal peptide is involved in smooth muscle relaxation, exocrine and endocrine secretion, and water and ion flux in lung and intestinal epithelia. Its actions are effected through integral membrane receptors associated with a guanine nucleotide binding protein which activates adenylate cyclase. [provided by RefSeq, Aug 2011],
Cell Pathway/ Category	Neuroactive ligand-receptor interaction,
Protein Expression	Adipose tissue,Brain,Heart,T-cell,
Subcellular Localization	plasma membrane,integral component of plasma membrane,membrane,integral component of membrane,
Protein Function	function:This is a receptor for VIP as well as PACAP-38 and -27, the activity of this receptor is mediated by G proteins which activate adenylyl cyclase. Can be coupled to phospholipase C.,similarity:Belongs to the G-protein coupled receptor 2 family.,tissue specificity:Expressed in CD4+ T-cells, but not in CD8+ T-cells. Expressed in the T-cell lines Jurkat, PEER, MOLT-4, HSB, YT and Tsup-1, but not in the T-cell lines HARRIS and HUT 78.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.