

Anti-VPAC1 antibody



Description	Rabbit polyclonal to VPAC1.
Model	STJ96252
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human VPAC1
Immunogen Region	300-380 aa, C-terminal
Gene ID	7433
Gene Symbol	VIPR1
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:10000
Specificity	VPAC1 Polyclonal Antibody detects endogenous levels of VPAC1 protein.
Tissue Specificity	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.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Vasoactive intestinal polypeptide receptor 1 VIP-R-1 Pituitary adenylate cyclase-activating polypeptide type II receptor PACAP type II receptor PACAP-R-2 PACAP-R2 VPAC1

Molecular Weight	52 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:12694 OMIM:192321
Alternative Names	Vasoactive intestinal polypeptide receptor 1 VIP-R-1 Pituitary adenylate cyclase-activating polypeptide type II receptor PACAP type II receptor PACAP-R-2 PACAP-R2 VPAC1
Function	This is a receptor for VIP. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase. The affinity is VIP = PACAP-27 > PACAP-38.
Cellular Localization	Cell membrane. Multi-pass membrane protein.