

Summary

Production Name	VPAC2 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC-P,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	VIPR2
Alternative 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
Gene ID	7434.0
SwissProt ID	P41587.The antiserum was produced against synthesized peptide derived from human VIPR2. AA range:83-132

Application

Dilution Ratio	WB 1:500-1:2000, IHC-P 1:100-1:300, IF-P/IF-F/ICC/IF 1:200-1:1000, ELISA 1:5000.Not
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yet tested in other applications.

Molecular Weight 49kDa

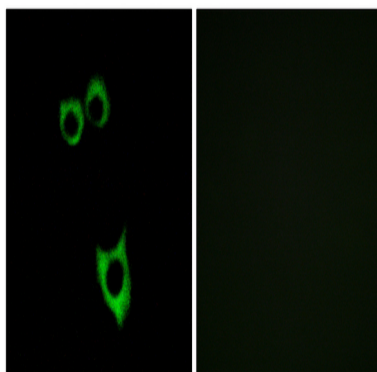
Background

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],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.,

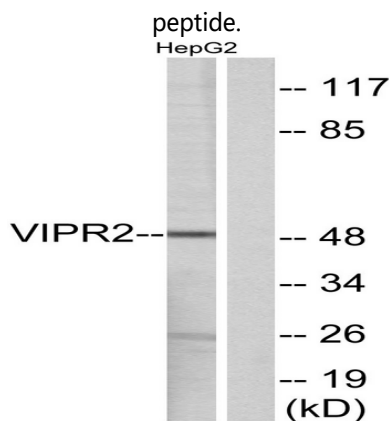
Research Area

Neuroactive ligand-receptor interaction;

Image Data



Immunofluorescence analysis of MCF7 cells, using VIPR2 Antibody. The picture on the right is blocked with the synthesized



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Western blot analysis of lysates from HepG2 cells, using VIPR2 Antibody. The lane on the right is blocked with the synthesized peptide.

Note

For research use only.