

产品名称: VPAC1 Rabbit Polyclonal Antibody
产品货号: APRab19821



产品概述 (Summary)

产品名称 (Production Name)	VPAC1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	VIPR1 VIPR1; Vasoactive intestinal polypeptide receptor 1; VIP-R-1; Pituitary
别名 (Alternative Names)	adenylate cyclase-activating polypeptide type II receptor; PACAP type II receptor; PACAP-R-2; PACAP-R2; VPAC1
基因 ID (Gene ID)	7433.0
蛋白 ID (SwissProt ID)	P32241.The antiserum was produced against synthesized peptide derived from human VIPR1. AA range:332-381

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	52kDa

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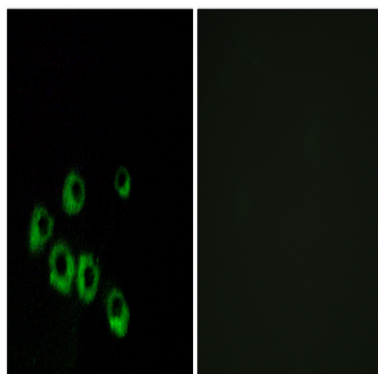
研究背景 (Background)

vasoactive intestinal peptide receptor 1(VIPR1) 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. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011],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,,similarity:Belongs to the G-protein coupled receptor 2 family,,tissue specificity:In lung, HT29 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 Tsup-1, but not in the T-cell lines PEER, MOLT-4, HSB and YT.,

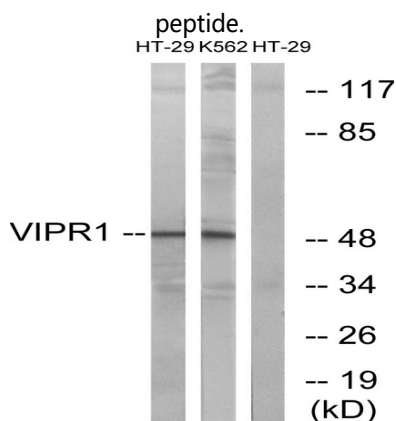
研究领域 (Research Area)

Neuroactive ligand-receptor interaction;

图片 (Image Data)



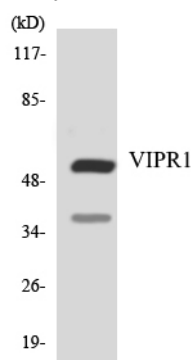
Immunofluorescence analysis of MCF7 cells, using VIPR1 Antibody. The picture on the right is blocked with the synthesized



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Western blot analysis of lysates from HT-29 and K562 cells, using VIPR1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using VIPR1 antibody.

注意事项 (Note)

For research use only .