

ARG43196 anti-VIPR1 antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes VIPR1
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	VIPR1
Species	Human
Immunogen	Synthetic peptide derived from Human VIPR1.
Conjugation	Un-conjugated
Alternate Names	PACAP-R2; Pituitary adenylate cyclase-activating polypeptide type II receptor; V1RG; Vasoactive intestinal polypeptide receptor 1; VIPR; VPAC1; VIP-R-1; RDC1; VAPC1; VPAC1R; II; PACAP type II receptor; VPCAP1R; VIRG; HVR1; PACAP-R-2

Application Instructions

Application table	<table><thead><tr><th>Application</th><th>Dilution</th></tr></thead><tbody><tr><td>WB</td><td>1:500 - 1:1000</td></tr></tbody></table>	Application	Dilution	WB	1:500 - 1:1000
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WB	1:500 - 1:1000				
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				
Positive Control	A549, H9C2 and Raw264.7				
Observed Size	~ 60 kDa				

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Purity	> 95% (by SDS-PAGE)
Buffer	PBS (pH 7.2), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

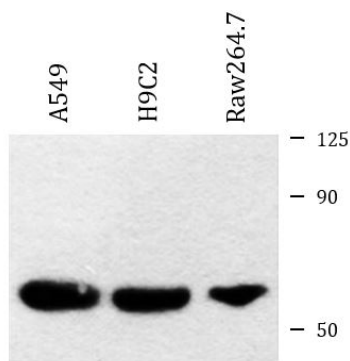
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	VIPR1
Gene Full Name	vasoactive intestinal peptide receptor 1
Background	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. [UniProt]
Calculated Mw	52 kDa
Cellular Localization	Cell membrane; Multi-pass membrane protein. [UniProt]

Images



ARG43196 anti-VIPR1 antibody WB image

Western blot: A549, H9C2 and Raw264.7 cell lysates stained with ARG43196 anti-VIPR1 antibody at 1:500 dilution.