

Rabbit VIPR2 Polyclonal Antibody | anti-VIPR2 antibody

VIPR2 Antibody

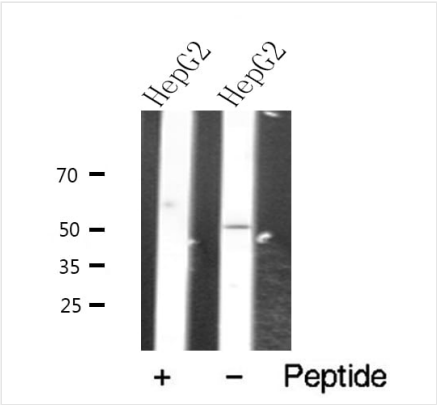
CATALOG # AAA325771	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunocytochemistry, Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

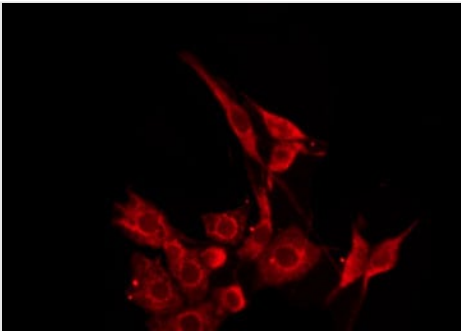
VIPR2; Polyclonal Antibody; VIPR2 Antibody; Helodermin-preferring VIP receptor; PACAP type III receptor; PACAP-R-3; PACAP-R3; Pituitary adenylate cyclase-activating polypeptide type III receptor; Vasoactive intestinal polypeptide receptor 2; VIP Receptor 2; VIP-R-2; Vipr2; VIPR2_HUMAN; VPAC2 receptor; anti-VIPR2 antibody

PRODUCT SPECIFICATIONS

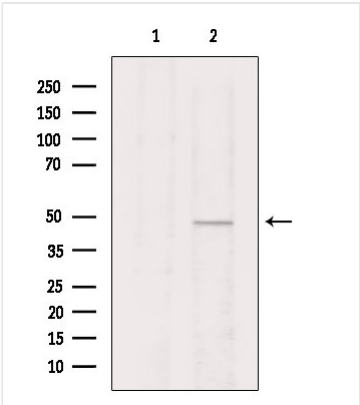
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	VIPR2 antibody detects endogenous levels of total VIPR2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	358
Applicable Applications for anti-VIPR2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
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 SUP-T1, but not in the T-cell lines HARRIS and HuT 78.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (100%), Horse (80%), Sheep (100%), Rabbit (80%), Dog (80%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells, using VIPR2 antibody.



IF (Immunofluorescence)
AAA325771 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from HeLa, using VIPR2 Antibody. Lane 1 was treated with the blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-VIPR2 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	751557614
NCBI GeneID	7434
NCBI Accession #	NP_001291451.1
NCBI GenBank Nucleotide #	NM_001304522.1
UniProt Accession #	P41587; Q13053; Q15870; Q53Y09; Q6ZN22; Q9UCW0
Molecular Weight	Observed: 49 kD Predicted: 50 kDa
NCBI Official Full Name	vasoactive intestinal polypeptide receptor 2 isoform 2
NCBI Official Synonym Full Names	vasoactive intestinal peptide receptor 2
NCBI Official Symbol	VIPR2

NCBI Official Synonym Symbols	VPAC2; VPAC2R; VIP-R-2; VPCAP2R; PACAP-R3; DUP7q36.3; PACAP-R-3; C16DUPq36.3
NCBI Protein Information	vasoactive intestinal polypeptide receptor 2
UniProt Protein Name	Vasoactive intestinal polypeptide receptor 2
UniProt Gene Name	VIPR2
UniProt Synonym Gene Names	VIP2R; VIP-R-2; PACAP type III receptor; PACAP-R-3; PACAP-R3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/vipr2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325771>