Rabbit ADCYAP1R1 / PAC1 Receptor Polyclonal Antibody | anti-ADCYAP1R1 antibody

Rabbit Polyclonal to Human ADCYAP1R1 / PAC1 Receptor

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52318	**Rabbit**	**Gibbon, Bovine, Gorilla, Human, MonkeyPredicted Reactivity: Dog, Pig (at least 90% immunogen sequence identity)**	**Immunohistochemistry**

PRODUCT SYNONYMS

ADCYAP1R1 / PAC1 Receptor; Polyclonal Antibody; Rabbit Polyclonal to Human ADCYAP1R1 / PAC1 Receptor; Anti-ADCYAP1R1 / PAC1 Receptor Antibody (N-Terminus) IHC-plus; PAC1; Pac1 receptor; Pac1 receptors; PAC1-R; PACAP receptor 1; Pacap specific receptor; PACAP-R-1; PACAP/VIP receptors; PACAP1 receptor; PACAP Receptor; Pacap receptor type 1; Pacap type 1 receptor; PACAP type I receptor; PACAPR; PAC1R; Human ADCYAP1R1; PAC1 Receptor; anti-ADCYAP1R1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Bovine, Gorilla, Human, Monkey **Predicted Reactivity:** Dog, Pig (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human ADCYAP1R1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	468
Applicable Applications for anti-ADCYAP1R1 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 18 amino acid peptide from N-terminal extracellular domain of human ADCYAP1R1. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Marmoset, Bovine (100%); Dog, Pig (94%); Mouse, Rat, Elephant, Panda (89%).
Immunogen Type	Synthetic peptide
Immunogen	ADCYAP1R1 / PAC1 Receptor antibody was raised against synthetic 18 amino acid peptide from N-terminal extracellular domain of human ADCYAP1R1. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Marmoset, Bovine (100%); Dog, Pig (94%); Mouse, Rat, Elephant, Panda (89%).
Antigen Modification	N-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES

IHC (Immunohistochemisry)
Anti-ADCYAP1R1 / PAC1 Receptor antibody IHC of human brain, pituitary. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

IHC (Immunohiostchemistry)
Anti-ADCYAP1R1 antibody IHC of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

IHC (Immunohistochemistry)
Anti-ADCYAP1R1 antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-ADCYAP1R1 antibody	The PACAP receptor type 1, a member of the vasoactive intestinal polypeptide subfamily, binds the hormone pituitary adenylate cyclase activating polypeptide (PACAP) with high affinity. PACAP is involved in stimulating the secretion of insulin, catecholamines, ACTH, and growth hormone. Additionally, PACAP appears to function as a neuromodulator/neurotransmitter in the central and peripheral nervous systems.
Product Categories/Family for anti-ADCYAP1R1 antibody	Family: GPCR; Subfamily: Vasoactive intestinal polypeptide

NCBI AND UNIPROT INFORMATION

NCBI GI #	29171759
NCBI GeneID	117
NCBI Accession #	NP_001109.2
NCBI GenBank Nucleotide #	NM_001118.4
UniProt Accession #	P41586; Q17S10; A8K1Y1; B7ZLA7; B8ZZK3
Molecular Weight	46,957 Da
NCBI Official Full Name	pituitary adenylate cyclase-activating polypeptide type I receptor isoform 3
NCBI Official Synonym Full Names	adenylate cyclase activating polypeptide 1 (pituitary) receptor type I
NCBI Official Symbol	ADCYAP1R1
NCBI Official Synonym Symbols	PAC1; PAC1R; PACAPR; PACAPRI
NCBI Protein Information	pituitary adenylate cyclase-activating polypeptide type I receptor; PACAP-R1; PACAP receptor 1; PACAP type I receptor; pituitary adenylate cyclase activating polypeptide 1 receptor type I Hiphop
UniProt Protein Name	Pituitary adenylate cyclase-activating polypeptide type I receptor
UniProt Gene Name	**ADCYAP1R1**
UniProt Synonym Gene Names	PACAP type I receptor; PACAP-R-1; PACAP-R1
UniProt Entry Name	PACR_HUMAN

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.