

Anti-ADCYAP1R1 Neutralizing Antibody (V3S-0622-YC674)

Cat. No.: V3S-0622-YC674

Summary

Description	This product is a human monoclonal antibody that reacts with ADCYAP1R1. The antibody is expressed with mammalian cell transient expression system, serum-free and purified by affinity chromatography. The purity and integrity are tested via SDS-PAGE and SEC-HPLC analysis. Given an antigen, additional QC measures are also desired such as affinity testing and binding validation. Specifically, the antibody is provided in multiple formats for in vivo and in vitro assays. The <i>In vivo</i> version features greater than 95% purity, ultra-low endotoxin levels (<1 EU/mg or 0.1 EU/mg), and is preservative, stabilizer, and carrier protein-free.
Clonality	Monoclonal
Host Species	Human
Target Species	Human
Isotype	IgG1
Isotype Control	C67002; C43061
Secondary Antibody	C32400; C75370; C10513; C51635; C45530

Property

Expression Species	HEK293F or CHO
Conjugation	None
Purity	>95%, determined by SDS-PAGE and/or SEC-HPLC
Endotoxin	<1 EU/mg, determined by LAL method
Purification	Protein A affinity purified
Sterility	0.2 µm filtered
Formulation	PBS, pH 7.4
Preservation	No preservatives
Stabilizer	No stabilizers
Storage	Store at 4°C within a week. For longer storage, aliquot and store at -20°C.

Applications

For lab research use only, not for diagnostic, therapeutic or any *in vivo* human use.

Application	FuncS
Application Notes	The antibody is recommended for detection of ADCYAP1R1 by FuncS assay.

Target

Target	ADCYAP1R1
Alternative Name	ADCYAP1R1; adenylate cyclase activating polypeptide 1 (pituitary) receptor type I; PAC1; PAC1R; PACAPR; PACAPRI; pituitary adenylate cyclase-activating polypeptide type I receptor; PACAP-R1; PACAP receptor 1; PACAP type I receptor; pituitary adenylate cyc
Gene ID	117
UniProt	A0A090N8F8
Introduction	This protein is type I adenylate cyclase activating polypeptide receptor, which is a membrane-associated protein and shares significant homology with members of the glucagon/secretin receptor family. This receptor mediates diverse biological actions of adenylate cyclase activating polypeptide 1 and is positively coupled to adenylate cyclase. Multiple alternatively spliced transcripts encoding distinct isoforms have been identified.
Research Area	Neuroscience

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