



Anti-ADCYAP1 monoclonal antibody (DCABH-10425)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes adenylate cyclase activating polypeptide 1. Mediated by adenylate cyclase activating polypeptide 1 receptors, this polypeptide stimulates adenylate cyclase and subsequently increases the cAMP level in target cells. Adenylate cyclase activating polypeptide 1 is not only a hypophysiotropic hormone, but also functions as a neurotransmitter and neuromodulator. In addition, it plays a role in paracrine and autocrine regulation of certain types of cells. This gene encodes three different mature peptides, including two isotypes, a shorter form and a longer form. Two transcript variants encoding the same protein have been found for this gene.
----------------------------	--

Immunogen	A synthetic peptide of human ADCYAP1 is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	ADCYAP1 adenylate cyclase activating polypeptide 1 (pituitary) [Homo sapiens]
Official Symbol	ADCYAP1
Synonyms	ADCYAP1; adenylate cyclase activating polypeptide 1 (pituitary); pituitary adenylate cyclase-activating polypeptide; PACAP; MGC126852;
Entrez Gene ID	116
Protein Refseq	NP_001093203
UniProt ID	P18509
Chromosome Location	18p11
Pathway	Activation of TRKA receptors, organism-specific biosystem; Class B/2 (Secretin family receptors), organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Glucagon-type ligand receptors, organism-specific biosystem; NGF signalling via TRKA from the plasma membrane, organism-specific biosystem;
Function	neuropeptide hormone activity; peptide hormone receptor binding; peptide hormone receptor binding; receptor binding; receptor signaling protein activity;