



Anti-ADCYAP1 polyclonal antibody (CPBT-66597SH)

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

PRODUCT INFORMATION

Product Overview	This product recognises PACAP-38 and has the following cross reactivities. PACAP Immunogen 75% PACAP-27 22% PACAP Related Peptide 9% VIP 2% All tested in simple ELISA assay.
Specificity	PITUITARY ADENYLATE CYCLASE ACTIVATING POLYPEPTIDE
Immunogen	Proprietary, 14 amino acid peptide sequence of PACAP-38, conjugated to KLH.
Isotype	IgG
Source/Host	Sheep
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA
Format	Purified IgG - liquid
Size	1 ml
Preservative	0.09% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	ADCYAP1 adenylate cyclase activating polypeptide 1 (pituitary) [Homo sapiens (human)]
Official Symbol	ADCYAP1
Synonyms	ADCYAP1; adenylate cyclase activating polypeptide 1 (pituitary); PACAP; pituitary adenylate cyclase-activating polypeptide; prepro-PACAP; PITUITARY ADENYLATE CYCLASE ACTIVATING POLYPEPTIDE;
Entrez Gene ID	116
Protein Refseq	NP_001093203
UniProt ID	P18509
Chromosome Location	18p11
Pathway	Activation of TRKA receptors; Class B/2 (Secretin family receptors); Defective ACTH causes Obesity and Pro-opiomelanocortinin deficiency (POMCD); Disease; G alpha (s) signalling events; GPCR downstream signaling; GPCR ligand binding; Glucagon-type ligand receptors;
Function	neuropeptide hormone activity; peptide hormone receptor binding; pituitary adenylate cyclase activating polypeptide activity; pituitary adenylate cyclase-activating polypeptide receptor binding; receptor binding; receptor signaling protein activity;