



Anti-ADCY9 monoclonal antibody (DCABH-10424)

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

PRODUCT INFORMATION

Antigen Description	Adenylate cyclase is a membrane bound enzyme that catalyses the formation of cyclic AMP from ATP. It is regulated by a family of G protein-coupled receptors, protein kinases, and calcium. The type 9 adenylyl cyclase is a widely distributed adenylyl cyclase, and it is stimulated by beta-adrenergic receptor activation but is insensitive to forskolin, calcium, and somatostatin.
Immunogen	A synthetic peptide of human ADCY9 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 [ADCY9 adenylate cyclase 9 \[Homo sapiens \]](#)

Official Symbol	ADCY9
Synonyms	ADCY9; adenylate cyclase 9; adenylate cyclase type 9; AC9; adenylyl cyclase 9; ATP pyrophosphate-lyase 9; adenylate cyclase type IX; type IX ATP pyrophosphate-lyase; FLJ12046;
Entrez Gene ID	115
Protein Refseq	NP_001107
UniProt ID	O60503
Chromosome Location	16p13.3
Pathway	Activation of GABAB receptors, organism-specific biosystem; Adenylate cyclase activating pathway, organism-specific biosystem; Adenylate cyclase inhibitory pathway, organism-specific biosystem; Aquaporin-mediated transport, organism-specific biosystem; Bile secretion, organism-specific biosystem; Bile secretion, conserved biosystem; Ca-dependent events, organism-specific biosystem;
Function	ATP binding; GTPase activity; adenylate cyclase activity; metal ion binding; nucleotide binding;