

Rabbit anti-Human ADCY6 Polyclonal Antibody | anti-ADCY6 antibody

ADCY6 Antibody

CATALOG # AAA233917	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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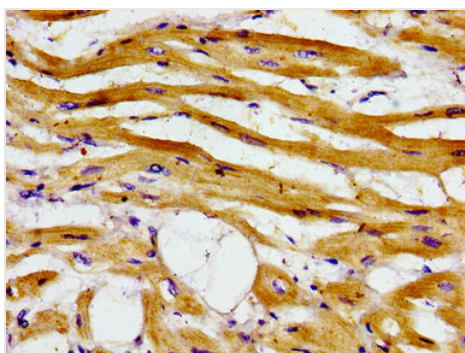
PRODUCT SYNONYMS

ADCY6; Polyclonal Antibody; ADCY6 Antibody; Adenylate cyclase type 6; ATP pyrophosphate-lyase 6; Adenylate cyclase type VI; Adenylyl cyclase 61; KIAA0422; anti-ADCY6 antibody

PRODUCT SPECIFICATIONS

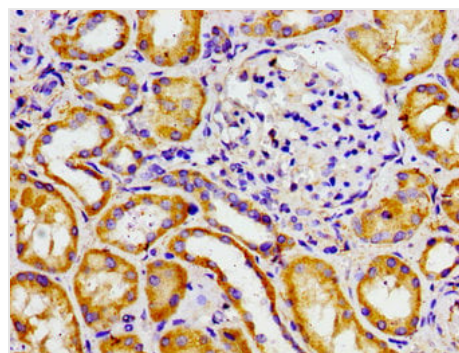
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1168
Applicable Applications for anti-ADCY6 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Adenylate cyclase type 6 protein (9-118AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human heart tissue using AAA233917 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA233917 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-ADCY6 antibody	Catalyzes the formation of the signaling molecule cAMP downstream of G protein-coupled receptors (PubMed:17916776, PubMed:17110384). Functions in signaling cascades downstream of beta-adrenergic receptors in the heart and in vascular smooth muscle cells (PubMed:17916776). Functions in signaling cascades downstream of the vasopressin receptor in the kidney and has a role in renal water reabsorption. Functions in signaling cascades downstream of PTH1R and plays a role in regulating renal phosphate excretion. Functions in signaling cascades downstream of the VIP and SCT receptors in pancreas and contributes to the regulation of pancreatic amylase and fluid secretion (By similarity). Signaling mediates cAMP-dependent activation of protein kinase PKA. This promotes increased phosphorylation of various proteins, including AKT. Plays a role in regulating cardiac sarcoplasmic reticulum Ca(2+) uptake and storage, and is required for normal heart ventricular contractibility. May contribute to normal heart function (By similarity). Mediates vasodilatation after activation of beta-adrenergic receptors by isoproterenol (PubMed:17916776). Contributes to bone cell responses to mechanical stimuli (By similarity).
Product Categories/Family for anti-ADCY6 antibody	Neuroscience; Cancer; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	10181096
NCBI GeneID	112
NCBI Accession #	NP_056085.1
NCBI GenBank Nucleotide #	NM_015270.4
UniProt Accession #	O43306; Q9NR75; Q9UDB0
Molecular Weight	124,865 Da
NCBI Official Full Name	adenylate cyclase type 6
NCBI Official Synonym Full Names	adenylate cyclase 6
NCBI Official Symbol	ADCY6
NCBI Official Synonym Symbols	AC6; LCCS8
NCBI Protein Information	adenylate cyclase type 6
UniProt Protein Name	Adenylate cyclase type 6
UniProt Gene Name	ADCY6
UniProt Synonym Gene Names	KIAA0422

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.