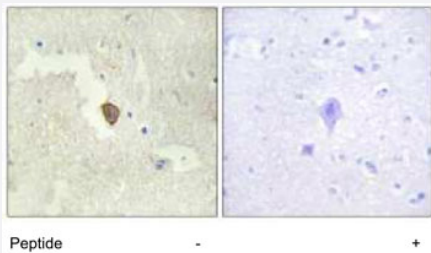


ADCY7 polyclonal antibody

Catalog # PAB18056 Size 100 ug

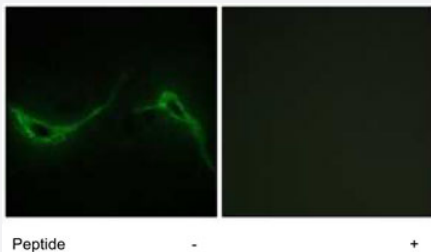
Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using ADCY7 polyclonal antibody (Cat # PAB18056).

Peptide "+" means "with peptide blocking".



Immunofluorescence

Immunofluorescence analysis of NIH/3T3 cells, using ADCY7 polyclonal antibody (Cat # PAB18056).

Peptide "+" means "with peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ADCY7.
Immunogen	A synthetic peptide corresponding to human ADCY7.
Host	Rabbit
Reactivity	Human, Mouse
Specificity	This antibody is specific to ADCY7.
Form	Liquid

Recommend Usage	Immunohistochemistry (1:50~1:100) Immunofluorescence (1:500~1:1000) ELISA (1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using ADCY7 polyclonal antibody (Cat # PAB18056).
Peptide "+" means "with peptide blocking".

- Immunohistochemistry

- Immunofluorescence

Immunofluorescence analysis of NIH/3T3 cells, using ADCY7 polyclonal antibody (Cat # PAB18056).
Peptide "+" means "with peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ADCY7

Entrez GeneID	113
Protein Accession#	P51828
Gene Name	ADCY7
Gene Alias	AC7, FLJ36387, KIAA0037
Gene Description	adenylate cyclase 7
Omim ID	600385
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a membrane-bound adenylate cyclase that catalyses the formation of cyclic AMP from ATP and is inhibitable by calcium. The product of this gene is a member of the adenyl cyclase class-4/guanylyl cyclase enzyme family that is characterized by the presence of twelve membrane-spanning domains in its sequences. [provided by RefSeq]

Other Designations

ATP pyrophosphate-lyase|OTTHUMP00000164225|adenylyl cyclase

Publication Reference

- [The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection \(MGC\).](#)

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- [Prediction of the coding sequences of unidentified human genes. I. The coding sequences of 40 new genes \(KIAA0001-KIAA0040\) deduced by analysis of randomly sampled cDNA clones from human immature myeloid cell line KG-1.](#)

Nomura N, Miyajima N, Sazuka T, Tanaka A, Kawarabayashi Y, Sato S, Nagase T, Seki N, Ishikawa K, Tabata S.

DNA Research 1994 Jan; 1(1):27.

Pathway

- [Calcium signaling pathway](#)
- [Chemokine signaling pathway](#)
- [Gap junction](#)
- [GnRH signaling pathway](#)
- [Melanogenesis](#)
- [Purine metabolism](#)
- [Vascular smooth muscle contraction](#)

Disease

- [Asthma](#)
- [Disease Models](#)
- [Genetic Predisposition to Disease](#)