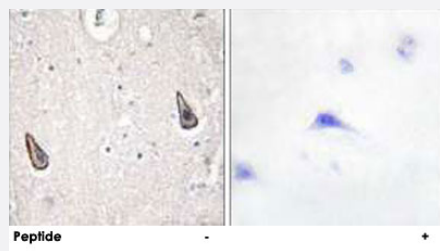


ADCY5/ADCY6 polyclonal antibody

Catalog # PAB17485 Size 100 ug

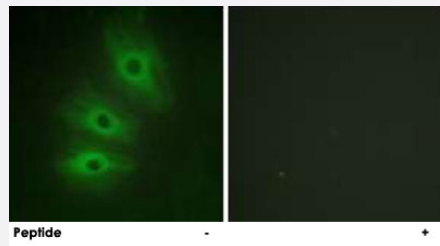
Applications



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

Immunohistochemistry analysis of paraffin-embedded human brain tissue using ADCY5/ADCY6 polyclonal antibody (Cat # PAB17485).

Peptide "+" means "with peptide blocking".



Immunofluorescence

Immunofluorescence analysis of HeLa cells, using ADCY5/ADCY6 polyclonal antibody (Cat # PAB17485).

Peptide "+" means "with peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ADCY5/ADCY6.
Immunogen	A synthetic peptide corresponding to internal of human ADCY5/ADCY6.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody detects endogenous levels of total ADCY5/ADCY6 protein.
Form	Liquid

Recommend Usage	Immunohistochemistry (1:50-1:100) Immunofluorescence (1:500-1:1000) ELISA (1:20000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (150mM NaCl, 0.02% sodium azide, 50% glycerol)
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 ADCY5/ADCY6 polyclonal antibody (Cat # PAB17485).

Peptide "+" means "with peptide blocking".

- Immunofluorescence

Immunofluorescence analysis of HeLa cells, using ADCY5/ADCY6 polyclonal antibody (Cat # PAB17485).

Peptide "+" means "with peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ADCY5

Entrez GeneID	111
Protein Accession#	O43306/O95622
Gene Name	ADCY5
Gene Alias	AC5
Gene Description	adenylate cyclase 5
Omim ID	600293
Gene Ontology	Hyperlink
Gene Summary	ADCY5 belongs to the adenylate cyclase (EC 4.6.1.1) family of enzymes responsible for the synthesis of cAMP (Ludwig and Seuwen, 2002 [PubMed 12503609]).[supplied by OMIM]

Other Designations

adenylate cyclase, type V

Gene Info — ADCY6

Entrez GeneID

[112](#)

Protein Accession#

[O43306/O95622](#)

Gene Name

ADCY6

Gene Alias

AC6, DKFZp779F075, KIAA0422

Gene Description

adenylate cyclase 6

Omim ID

[600294](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes adenylate cyclase 6, which is a membrane-associated enzyme and catalyzes the formation of the secondary messenger cyclic adenosine monophosphate (cAMP). The expression of this gene is found in normal thyroid and brain tissues, as well as some tumors; and its expression is significantly higher in one hyperfunctioning thyroid tumor than in normal thyroid tissue. Alternative splicing generates 2 transcript variants. [provided by RefSeq]

Other Designations

-

Pathway

- [Chemokine signaling pathway](#)
- [Chemokine signaling pathway](#)
- [Gap junction](#)
- [Gap junction](#)
- [GnRH signaling pathway](#)
- [GnRH signaling pathway](#)
- [Melanogenesis](#)
- [Melanogenesis](#)
- [Purine metabolism](#)

- [Purine metabolism](#)
- [Taste transduction](#)
- [Vascular smooth muscle contraction](#)
- [Vascular smooth muscle contraction](#)

Disease

- [Birth Weight](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Hypertrophy](#)