



Datasheet for ABIN1534256
anti-ADCY7 antibody (AA 191-240)



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2 Images

Overview

Quantity:	100 µg
Target:	ADCY7 (Adcy7)
Binding Specificity:	AA 191-240
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADCY7 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human ADCY7.
Isotype:	IgG
Specificity:	ADCY7 Antibody detects endogenous levels of total ADCY7 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	ADCY7 (Adcy7)
Alternative Name:	ADCY7 (Adcy7 Products)
Background:	Synonyms: Adenylate cyclase type 7, Adenylate cyclase type VII, ATP pyrophosphate-lyase 7,

Target Details

Adenylyl cyclase 7, ADCY7, KIAA0037

NCBI Gene Symbol: ADCY7

Molecular Weight: 120 kDa

Gene ID: 113

OMIM: 600385

UniProt: [P51828](#)

Pathways: [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Thyroid Hormone Synthesis](#), [cAMP Metabolic Process](#), [Myometrial Relaxation and Contraction](#), [G-protein mediated Events](#), [Interaction of EGFR with phospholipase C-gamma](#)

Application Details

Application Notes: IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:5000

Comment: Unigene-Number: Hs.513578 (NCBI Gene Symbol: ADCY7)

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

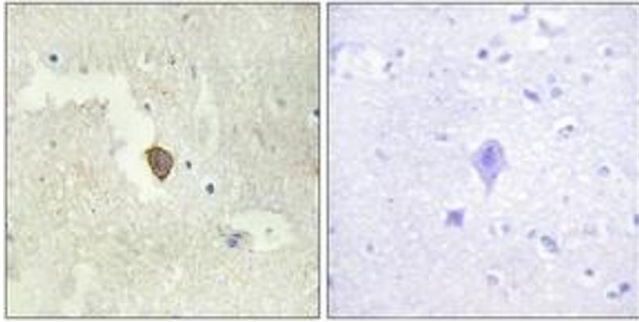
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

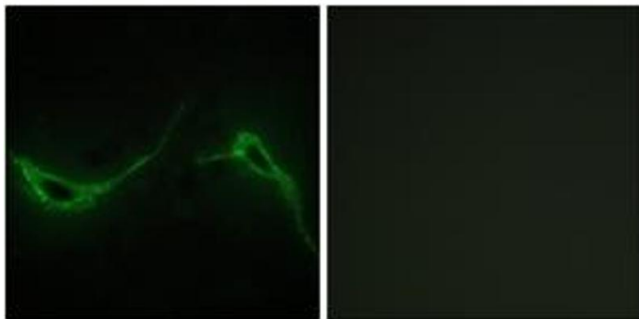
Storage Comment: Stable at -20°C for at least 1 year.

Expiry Date: 12 months



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human brain tissue, using ADCY7 Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of NIH-3T3 cells, using ADCY7 Antibody. The picture on the right is treated with the synthesized peptide.