

Datasheet for ABIN1534253
anti-ADCY4 antibody (AA 195-244)



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1 Image

Overview

Quantity:	100 µL
Target:	ADCY4
Binding Specificity:	AA 195-244
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADCY4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human ADCY4.
Isotype:	IgG
Specificity:	ADCY4 Antibody detects endogenous levels of total ADCY4 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	ADCY4
Alternative Name:	ADCY4 (ADCY4 Products)
Background:	Synonyms: Adenylate cyclase type 4, Adenylate cyclase type IV, ATP pyrophosphate-lyase 4,

Target Details

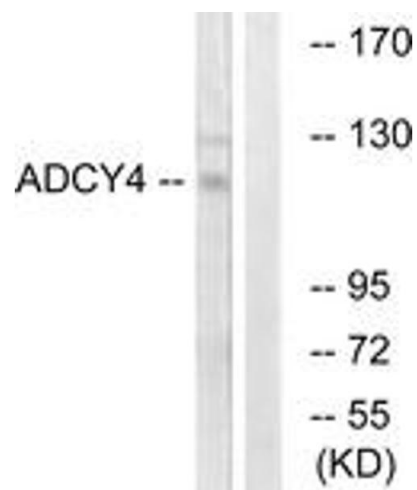
	Adenylyl cyclase 4, ADCY4 NCBI Gene Symbol: ADCY4
Molecular Weight:	119 kDa
Gene ID:	196883
OMIM:	600292
UniProt:	Q8NFM4
Pathways:	EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Thyroid Hormone Synthesis , cAMP Metabolic Process , Myometrial Relaxation and Contraction , G-protein mediated Events , Interaction of EGFR with phospholipase C-gamma

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:20000
Comment:	Unigene-Number: Hs.443428 (NCBI Gene Symbol: ADCY4)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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



Western Blotting

Image 1. Western blot analysis of extracts from Jurkat cells, using ADCY4 Antibody. The lane on the right is treated with the synthesized peptide.