



Datasheet for ABIN559783
anti-ADCY2 antibody (AA 977-1086)



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1 Image

1 Publication

Overview

Quantity:	50 µL
Target:	ADCY2
Binding Specificity:	AA 977-1086
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This ADCY2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse polyclonal antibody raised against a partial recombinant ADCY2.
Immunogen:	ADCY2 (NP_065433, 977 a.a. ~ 1086 a.a) partial recombinant protein with GST tag.
Sequence:	GKLDAINKHS FNDFKLRVGI NHGPVIAGVI GAQKPQYDIW GNTVNVASRM DSTGVLDKIQ VTEETSLVLQ TLGYTCTCRG IINVKGKGD L KTYFVNTEMS RSLSQSNVAS
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	ADCY2
Alternative Name:	ADCY2 (ADCY2 Products)

Target Details

Background: Full Gene Name: adenylate cyclase 2 (brain)
Synonyms: AC2,FLJ16822,FLJ45092,HBAC2,KIAA1060,MGC133314

Gene ID: 108

NCBI Accession: [NM_020546](#)

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: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: 50 % glycerol

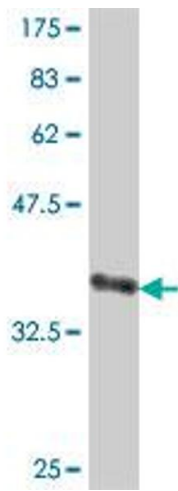
Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in: Nakao, Tsujikawa, Notomi, Ikeda, Nishida: "The role of mislocalized phototransduction in photoreceptor cell death of retinitis pigmentosa." in: **PLoS ONE**, Vol. 7, Issue 4, pp. e32472, (2012) ([PubMed](#)).



Western Blotting

Image 1. Western Blot detection against Immunogen (38.21 kDa) .