

A Cyclase IV Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00052
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human ADCY4. AA range:195-244
Mol wt	119794
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	A Cyclase IV Antibody
Synonyms	ADCY4; Adenylate cyclase type 4; ATP pyrophosphate-lyase 4; Adenylate cyclase type IV; Adenylyl cyclase 4

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

ADCY4 encodes a member of the family of adenylate cyclases, which are membrane-associated enzymes that catalyze the formation of the secondary messenger cyclic adenosine monophosphate (cAMP). Mouse studies show that adenylate cyclase 4, along with adenylate cyclases 2 and 3, is expressed in olfactory cilia, suggesting that several different adenylate cyclases may couple to olfactory receptors and that there may be multiple receptor-mediated mechanisms for the generation of cAMP signals. Alternative splicing results in transcript variants.

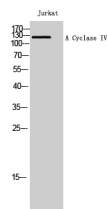
Recommended Dilution

WB: 1: 500 - 1: 2000

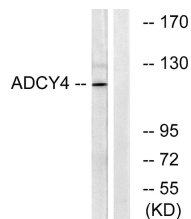
ELISA: 1: 20000

Not yet tested in other applications.

Images



Western Blot analysis of Jurkat cells using A Cyclase IV Polyclonal Antibody



Western blot analysis of lysates from Jurkat cells, using ADCY4 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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