

A Cyclase V/VI Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP00054

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human ADCY5/6. AA range:931-

980

Mol wt 138908

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application IHC-p, IF, ELISA

Concentration 1 mg/ml

Full name A Cyclase V/VI Antibody

Synonyms ADCY6; KIAA0422; Adenylate cyclase type 6; ATP pyrophosphate-lyase 6; Adenylate cyclase type VI;

Adenylyl cyclase 6; Ca(2+)-inhibitable adenylyl cyclase; ADCY5; Adenylate cyclase type 5; ATP

pyrophosp

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

Background

ADCY5 encodes a member (adenylate cyclase 5) of the membrane-bound adenylyl cyclase enzymes. Adenylyl cyclases mediate G protein-coupled receptor signaling through the synthesis of the second messenger cAMP. Activity of the encoded protein is stimulated by the Gs alpha subunit of G protein-coupled receptors and is inhibited by protein kinase A, calcium and Gi alpha subunits. Single nucleotide polymorphisms in this gene may be associated with low birth weight and type 2 diabetes. Alternatively spliced transcript variants that encode different isoforms have been observed for ADCY5.

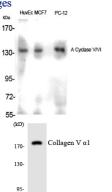
Recommended Dilution

IHC: 1: 100 - 1: 300 IF: 1: 200 - 1: 1000 ELISA: 1: 20000

72-

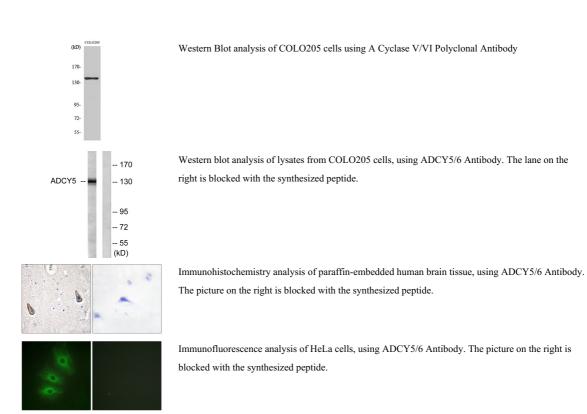
Not yet tested in other applications.

Images



Western Blot analysis of various cells using A Cyclase V/VI Polyclonal Antibody

Western blot analysis of the lysates from HUVECcells using Collagen V $\alpha 1$ antibody.



Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com