

ADCY2 Rabbit pAb

CatalogNo: YN1552

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 120kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 490-570

Specificity ADCY2 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name ADCY2 KIAA1060

Protein Name Adenylate cyclase type 2 (ATP pyrophosphate-lyase 2) (Adenylate cyclase type II) (Adenylyl cyclase 2)

Organism	Gene ID	UniProt ID
Human	108 ;	Q08462 ;
Mouse		Q80TL1 ;
Rat		P26769 ;

Cellular Localization Membrane ; Multi-pass membrane protein . Cell membrane ; Multi-pass membrane protein . Cytoplasm .

Tissue specificity Detected in zona glomerulosa and zona fasciculata in the adrenal gland (at protein level) (PubMed:11549699). Expressed in brain, especially in caudate nucleus, cerebellum and hippocampus.

Function Catalytic activity:ATP = 3',5'-cyclic AMP + diphosphate.,cofactor:Binds 2 magnesium ions per subunit.,enzyme regulation:Insensitive to calcium/calmodulin. Stimulated by the G protein beta and gamma subunit complex.,Function:This is a membrane-bound, calmodulin-insensitive adenylyl cyclase.,miscellaneous:The sequence shown here is derived from an EMBL/GenBank/DDBJ third party annotation (TPA) entry.,similarity:Belongs to the adenylyl cyclase class-4/guanylyl cyclase family.,similarity:Contains 2 guanylate cyclase domains.,tissue specificity:Expressed in brain.,

Validation Data

Contact information

Orders: order@immunoway.com
Support: tech@immunoway.com
Telephone: 877-594-3616 (Toll Free), 408-747-0185
Website: <http://www.immunoway.com>
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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ADCY2 Rabbit pAb

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