

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

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ADCY2 Rabbit pAb

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