

A Cyclase VII Rabbit pAb

CatalogNo: YT0034

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- IHC, IF, ELISA

MW

- 120kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

IHC 1:100-1:300

IF 1:200-1:1000

ELISA 1:5000

Not yet tested in other applications.

Storage

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

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human ADCY7. AA range:191-240

Specificity A Cyclase VII Polyclonal Antibody detects endogenous levels of A Cyclase VII protein.

Target Information

Gene name ADCY7
Protein Name Adenylate cyclase type 7

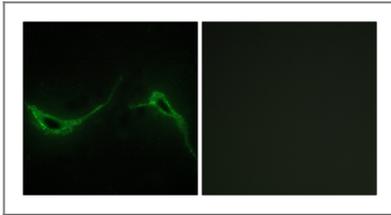
Organism	Gene ID	UniProt ID
Human	113 ;	P51828 ;
Mouse	11513 ;	P51829 ;

Cellular Localization Membrane; Multi-pass membrane protein.

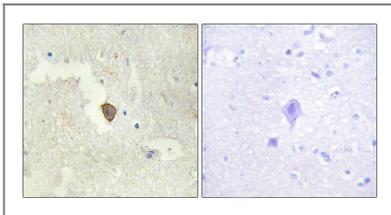
Tissue specificity Blood,Bone marrow,

Function Catalytic activity:ATP = 3',5'-cyclic AMP + diphosphate.,cofactor:Binds 2 magnesium ions per subunit.,Function:This is a membrane-bound, calcium-inhibitable adenylyl cyclase.,similarity:Belongs to the adenylyl cyclase class-4/guanylyl cyclase family.,similarity:Contains 2 guanylate cyclase domains.,

Validation Data



Immunofluorescence analysis of NIH/3T3 cells, using ADCY7 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using ADCY7 Antibody. The picture on the right is blocked with the synthesized peptide.

Contact information

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