

# A Cyclase IV Rabbit pAb

CatalogNo: YT0030

## Key Features

### Host Species

- Rabbit

### Reactivity

- Human, Mouse, Rat

### Applications

- WB, ELISA

### MW

- 120kD (Observed)

### Isotype

- IgG

## Recommended Dilution Ratios

**WB 1:500-1:2000**

**ELISA 1:20000**

**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

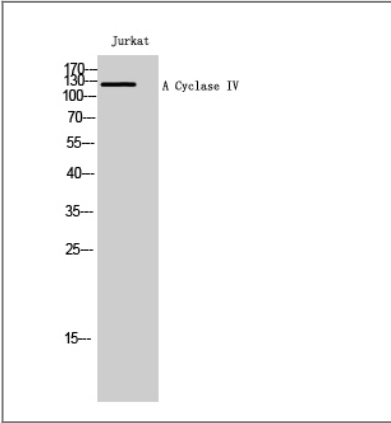
**Immunogen** The antiserum was produced against synthesized peptide derived from human ADCY4. AA range:195-244

**Specificity** A Cyclase IV Polyclonal Antibody detects endogenous levels of A Cyclase IV protein.

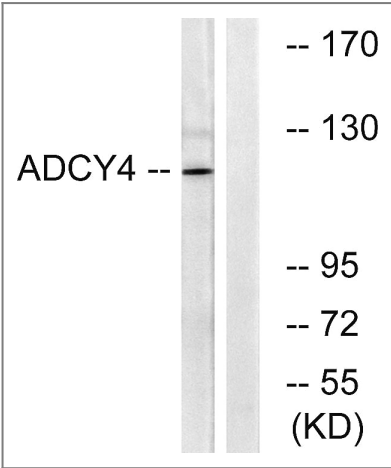
## Target Information

Gene name	ADCY4		
Protein Name	Adenylate cyclase type 4		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">196883</a> ;	<a href="#">Q8NFM4</a> ;
	Mouse	<a href="#">104110</a> ;	<a href="#">Q91WF3</a> ;
	Rat		<a href="#">P26770</a> ;
Cellular Localization	Cell membrane ; Multi-pass membrane protein . Cytoplasm .		
Tissue specificity	Detected in the zona glomerulosa and the zona fasciculata in the adrenal gland (at protein level).		
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.,similarity:Belongs to the adenylyl cyclase class-4/guanylyl cyclase family.,similarity:Contains 2 guanylate cyclase domains.,		

| Validation Data



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.

## | Contact information

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Please scan the QR code  
to access additional  
product information:

**A Cyclase IV Rabbit  
pAb**

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[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)