

## ADCY3 Rabbit pAb

CatalogNo: YN1621

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, ELISA

#### MW

- 125kD (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, 0.5% BSA and 0.02% sodium azide.

### Basic Information

#### Clonality

Polyclonal

### Immunogen Information

#### Immunogen

Synthesized peptide derived from human protein . at AA range: 950-1030

#### Specificity

ADCY3 Polyclonal Antibody detects endogenous levels of protein.

### Target Information

#### Gene name

ADCY3 KIAA0511

Protein Name	Adenylate cyclase type 3 (ATP pyrophosphate-lyase 3) (Adenylate cyclase type III) (AC-III) (Adenylate cyclase, olfactive type) (Adenylyl cyclase 3) (AC3)		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">109</a> ;	<a href="#">O60266</a> ;
	Mouse		<a href="#">Q8VHH7</a> ;
	Rat		<a href="#">P21932</a> ;
Cellular Localization	Cell membrane ; Multi-pass membrane protein . Cytoplasm . Cell projection, cilium . Golgi apparatus . Also detected in the cytoplasm, close to lipid droplets. .		
Tissue specificity	Detected in zona glomerulosa and zona fasciculata in the adrenal gland (at protein level) (PubMed:11549699). Expressed in brain, heart, kidney, liver, lung, pancreas islets, placenta, and skeletal muscle (PubMed:9920776). Detected in testis (PubMed:15705663).		
Function	Catalytic activity:ATP = 3',5'-cyclic AMP + diphosphate.,cofactor:Binds 2 magnesium ions per subunit.,enzyme regulation:Activated by calcium/calmodulin.,Function:Mediates odorant detection (possibly) via modulation of intracellular cAMP concentration.,similarity:Belongs to the adenylyl cyclase class-4/guanylyl cyclase family.,similarity:Contains 2 guanylate cyclase domains.,tissue specificity:Expressed in brain, heart, kidney, liver, lung, pancreas, placenta, and skeletal muscle.,		

## Validation Data

## Contact information

Orders: order.cn@immunoway.com  
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**ADCY3 Rabbit pAb**

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