

## ADCY3 Rabbit pAb

CatalogNo: YN1621

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human,Rat,Mouse,

#### 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, 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

<b>Protein Name</b>	Adenylate cyclase type 3 (ATP pyrophosphate-lyase 3) (Adenylate cyclase type III) (AC-III) (Adenylate cyclase, olfactive type) (Adenylyl cyclase 3) (AC3)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">109;</a>	<a href="#">O60266;</a>
	Mouse		<a href="#">Q8VHH7;</a>
	Rat		<a href="#">P21932;</a>
<b>Cellular Localization</b>	Cell membrane ; Multi-pass membrane protein . Cytoplasm . Cell projection, cilium . Golgi apparatus . Also detected in the cytoplasm, close to lipid droplets. .		
<b>Tissue specificity</b>	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).		
<b>Function</b>	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

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