

For Research Use Only

# ADCY9-Specific Polyclonal antibody

Catalog Number: 19774-1-AP



## Basic Information

<b>Catalog Number:</b> 19774-1-AP	<b>GenBank Accession Number:</b> NM_001116	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 133 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 115	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O60503	
<b>Isotype:</b> IgG	<b>Full Name:</b> adenylate cyclase 9	
	<b>Calculated MW:</b> 151 kDa	

## Applications

**Tested Applications:**  
ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

ADCY9, also named as KIAA0520, belongs to the adenylyl cyclase class-4/guanylyl cyclase family. ADCY9 may play a fundamental role in situations where fine interplay between intracellular calcium and cAMP determines the cellular function. It may be a physiologically relevant docking site for calcineurin. ADCY9 catalyze the reaction: ATP = 3',5'-cyclic AMP + diphosphate. This antibody is specific to ADCY9.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

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## Selected Validation Data