

# ADCY3 Rabbit pAb

Catalog No.: A7870

## Basic Information

### Observed MW

150-170kDa

### Calculated MW

129kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse

## Background

This gene encodes adenylyl cyclase 3 which is a membrane-associated enzyme and catalyzes the formation of the secondary messenger cyclic adenosine monophosphate (cAMP). This protein appears to be widely expressed in various human tissues and may be involved in a number of physiological and pathophysiological metabolic processes. Two transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

109

### Swiss Prot

O60266

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-80 of human ADCY3 (NP\_004027.2).

### Synonyms

AC3; AC-III; BMIQ19; ADCY3

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

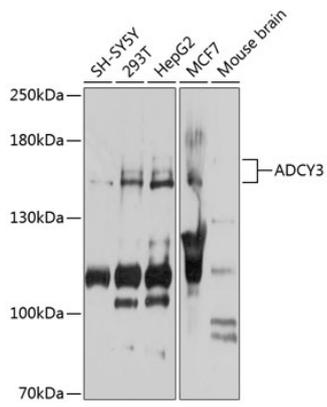
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using ADCY3 antibody (A7870) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Enhanced Kit (RM00021).  
Exposure time: 60s.