

# APC Rabbit mAb

Catalog No.: A17912

Recombinant

2 Publications

## Basic Information

### Observed MW

160kDa

### Calculated MW

312kDa

### Category

Primary antibody

### Applications

WB,IP,ELISA

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC0346

## Background

This gene encodes a tumor suppressor protein that acts as an antagonist of the Wnt signaling pathway. It is also involved in other processes including cell migration and adhesion, transcriptional activation, and apoptosis. Defects in this gene cause familial adenomatous polyposis (FAP), an autosomal dominant pre-malignant disease that usually progresses to malignancy. Mutations in the APC gene have been found to occur in most colorectal cancers, where disease-associated mutations tend to be clustered in a small region designated the mutation cluster region (MCR) and result in a truncated protein product.

## Recommended Dilutions

**WB** 1:1000 - 1:2000**IP** 0.5µg-4µg antibody for  
400µg-600µg extracts of  
whole cells**ELISA** Recommended starting  
concentration is 1 µg/mL.  
Please optimize the  
concentration based on  
your specific assay  
requirements.

## Immunogen Information

### Gene ID

324

### Swiss Prot

P25054

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

GS; DP2; DP3; BTPS2; DESMD; DP2.5; PPP1R46; APC

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

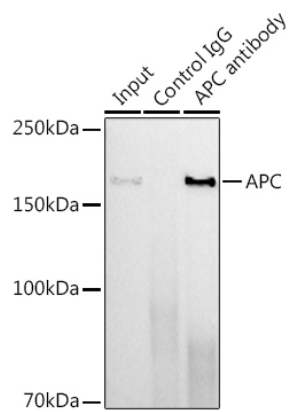
Affinity purification

### Storage

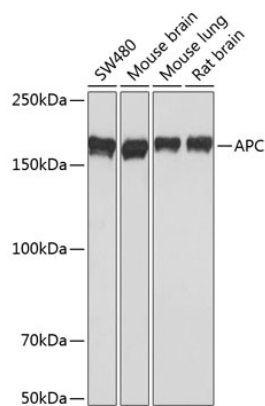
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Immunoprecipitation analysis of 600  $\mu$ g extracts of Mouse lung using 3  $\mu$ g APC antibody (A17912). Western blot was performed from the immunoprecipitate using APC antibody (A17912) at a dilution of 1:500.



Western blot analysis of various lysates using APC Rabbit mAb (A17912) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3min.