

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.

Contact

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Immunogen Information

Gene ID

324

Swiss Prot

P25054

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human APC (NP_000029.2).

Synonyms

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

Product Information

Source

Rabbit

Isotype

IgG

Purification

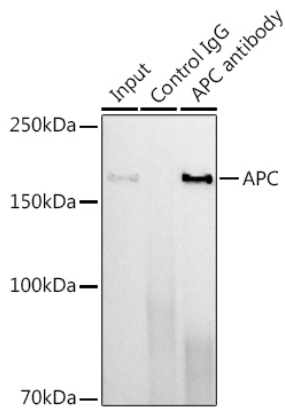
Affinity purification

Storage

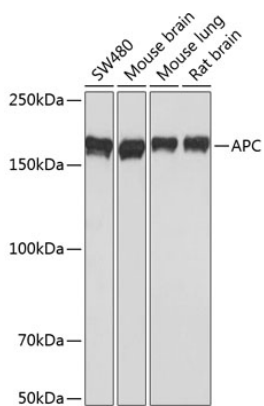
Store at -20°C. Avoid freeze / thaw cycles.

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

Validation Data



Immunoprecipitation analysis of 600 μ g extracts of Mouse lung using 3 μ 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 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3min.