

Datasheet for ABIN7265452

**anti-APC antibody****2** Images[Go to Product page](#)

## Overview

|              |   |
|--------------|---|
| Quantity:    | 100 µL  |
| Target:      | APC   |
| Reactivity:  | Human   |
| Host:        | Rabbit  |
| Clonality:   | Monoclonal                                      |
| Conjugate:   | This APC antibody is un-conjugated              |
| Application: | Western Blotting (WB), Immunoprecipitation (IP) |

## Product Details

|                   |  |
|-------------------|--|
| Purpose:          | APC Rabbit mAb                               |
| Immunogen:        | A synthesized peptide derived from human APC |
| Isotype:          | IgG  |
| Cross-Reactivity: | Human, Mouse, Rat                            |
| Characteristics:  | Monoclonal Antibodies                        |
| Purification:     | Affinity purification                        |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | APC  |
| Alternative Name: | APC ( <a href="#">APC Products</a> )   |
| Background:       | This gene encodes a tumor suppressor protein that acts as an antagonist of the Wnt signaling |

Target Details

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. Disease-associated mutations tend to be clustered in a small region designated the mutation cluster region (MCR) and result in a truncated protein product. [provided by RefSeq, Jul 2008],APC,BTPS2,DP2,DP2.5,DP3,GS,PPP1R46,Apoptosis,Cancer,Cardiovascular,Cell Adhesion,Cell Biology & Developmental Biology,Cell Cycle,Cell Cycle\_Centrosome,Cell Type Marker,Cell Type Marker\_Oligodendrocyte marker,Cytoskeleton\_Microtubules,Epigenetics & Nuclear Signaling,ESC Pluripotency and Differentiation,Heart,Heart\_Cardiogenesis,Neuroscience,Signal Transduction,Stem Cells,Transcription Factors,Tumor suppressors,Wnt/ $\beta$ -Catenin Signaling Pathway,APC

Molecular Weight: 160kDa

Gene ID: 324

UniProt: [P25054](#)

Pathways: [WNT Signaling](#), [Stem Cell Maintenance](#), [Cell-Cell Junction Organization](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IP,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

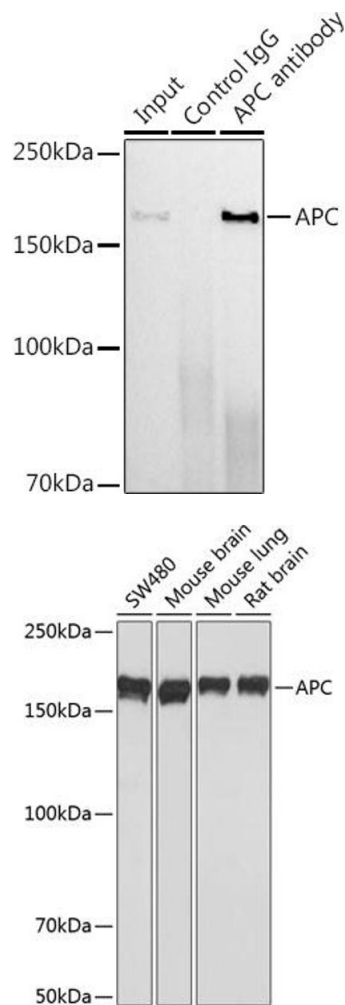
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

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



**Immunoprecipitation**

**Image 1.** Immunoprecipitation analysis of 600 µg extracts of Mouse lung using 3 µg APC antibody (ABIN7265452). Western blot was performed from the immunoprecipitate using APC antibody (ABIN7265452) at a dilution of 1:500.

**Western Blotting**

**Image 2.** Western blot analysis of extracts of various cell lines, using APC antibody (ABIN7265452) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3 min.