

# ARHGEF5 Rabbit pAb

Catalog No.: A4196

## Basic Information

### Observed MW

176kDa

### Calculated MW

177kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse, Rat

## Background

Rho GTPases play a fundamental role in numerous cellular processes initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein may form a complex with G proteins and stimulate Rho-dependent signals. This protein may be involved in the control of cytoskeletal organization.

## Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:100

## Immunogen Information

### Gene ID

7984

### Swiss Prot

Q12774

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1248-1597 of human ARHGEF5 (NP\_005426.2).

### Synonyms

P60; TIM; GEF5; TIM1; ARHGEF5

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

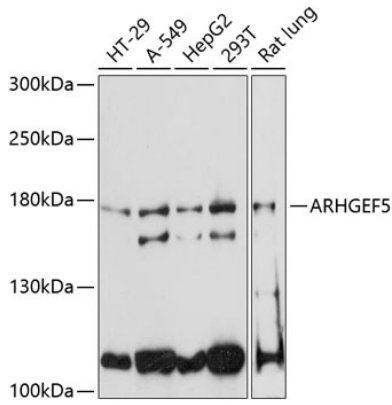
Affinity purification

### Storage

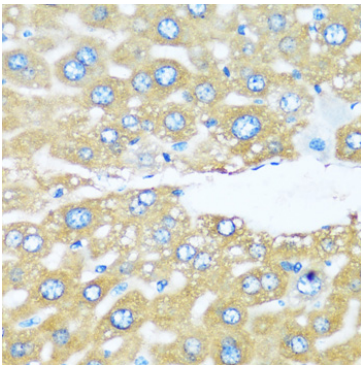
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

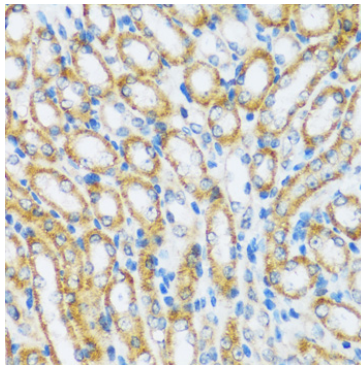
## Validation Data



Western blot analysis of various lysates using ARHGEF5 Rabbit pAb (A4196) at 1:3000 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.



Immunohistochemistry analysis of paraffin-embedded mouse liver using ARHGEF5 Rabbit pAb (A4196) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse kidney using ARHGEF5 Rabbit pAb (A4196) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.