

# ARPC4 Rabbit pAb

Catalog No.: A15005 **1 Publications**

## Basic Information

### Observed MW

19kDa

### Calculated MW

20kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes one of seven subunits of the human Arp2/3 protein complex. This complex controls actin polymerization in cells and has been conserved throughout eukaryotic evolution. This gene encodes the p20 subunit, which is necessary for actin nucleation and high-affinity binding to F-actin. Alternative splicing results in multiple transcript variants. Naturally occurring read-through transcription exists between this gene and the downstream tubulin tyrosine ligase-like family, member 3 (TTLL3), which results in the production of a fusion protein.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

10093

### Swiss Prot

P59998

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-168 of human ARPC4 (NP\_005709.1).

### Synonyms

ARC20; DEVLO; P20-ARC; ARPC4

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

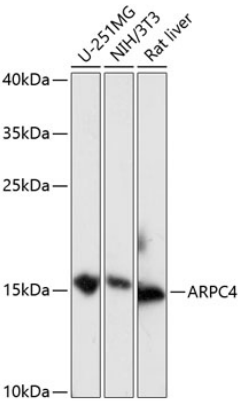
Affinity purification

### 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 ARPC4 Rabbit pAb (A15005) 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 Basic Kit (RM00020).  
Exposure time: 90s.