

ARPC4 rabbit monoclonal antibody

Catalog # H00010093-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ARPC4 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ARPC4 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human ARPC4 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	<ol style="list-style-type: none">1. Customer may provide cell or tissue lysate for antibody screening.2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab)₂, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — ARPC4

Entrez GeneID	10093
GeneBank Accession#	ARPC4
Gene Name	ARPC4
Gene Alias	ARC20, MGC13544, p20-Arc
Gene Description	actin related protein 2/3 complex, subunit 4, 20kDa
Omim ID	604226
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes one of seven subunits of the human Arp2/3 protein complex. The Arp2/3 protein complex has been implicated in the control of actin polymerization in cells and has been conserved through evolution. The exact role of the protein encoded by this gene, the p20 subunit, has yet to be determined. Three transcript variants encoding two distinct isoforms have been found for this gene. [provided by RefSeq]</p>
Other Designations	Arp2/3 protein complex subunit p20 OTTHUMP00000165252 actin related protein 2/3 complex subunit 4 actin related protein 2/3 complex, subunit 4 (20 kD)

Pathway

- [Fc gamma R-mediated phagocytosis](#)
- [Regulation of actin cytoskeleton](#)