

# ARPC4 polyclonal antibody

Catalog # PAB11449      Size 100 ug

## Applications



### Western Blot (Tissue lysate)

ARPC4 polyclonal antibody (Cat # PAB11449) (0.03 ug/mL) staining of human lymph node lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## Specification

<b>Product Description</b>	Goat polyclonal antibody raised against synthetic peptide of ARPC4.
<b>Immunogen</b>	A synthetic peptide corresponding to human ARPC4.
<b>Sequence</b>	C-ERHnkPEVEVR
<b>Host</b>	Goat
<b>Theoretical MW (kDa)</b>	19.7
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Antigen affinity purification
<b>Concentration</b>	0.5 mg/mL
<b>Quality Control Testing</b>	Antibody Reactive Against Synthetic Peptide.
<b>Recommend Usage</b>	ELISA (1:64000) Western Blot (0.01-0.03 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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- Enzyme-linked Immunoabsorbent Assay

## Gene Info — ARPC4

Entrez GeneID	<a href="#">10093</a>
Protein Accession#	<a href="#">NP_005709.1</a>
Gene Name	ARPC4
Gene Alias	ARC20, MGC13544, p20-Arc
Gene Description	actin related protein 2/3 complex, subunit 4, 20kDa
Omim ID	<a href="#">604226</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	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]
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)

## Publication Reference

- [Coronin 3 involvement in F-actin-dependent processes at the cell cortex.](#)

Rosentreter A, Hofmann A, Xavier CP, Stumpf M, Noegel AA, Clemen CS.

Experimental Cell Research 2007 Mar; 313(5):878.

## Pathway

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