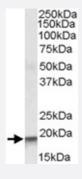


# ARPC4 polyclonal antibody

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



#### **Product Information**

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 shoul d be handled by trained staff only.

## **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.

Enzyme-linked Immunoabsorbent Assay

Gene Info — ARPC4	
Entrez GenelD	10093
Protein Accession#	NP_005709.1
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	<u>Hyperlink</u>
Gene Summary	This gene encodes one of seven subunits of the human Arp2/3 protein complex. The Arp2/3 prote in complex has been implicated in the control of actin polymerization in cells and has been conser ved 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 s ubunit 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