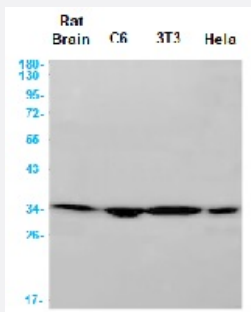


RecomAb™

ARPC2 recombinant monoclonal antibody, clone R04-1B6

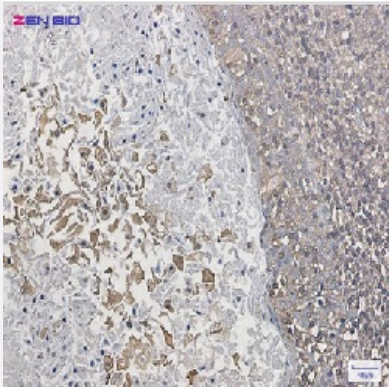
Catalog # RAB01589 Size 100 uL

Applications



Western Blot

Western blot analysis of ARPC2 in rat Brain, C6, 3T3, HeLa lysates using human ARPC2 recombinant monoclonal antibody, clone R04-1B6 (Cat # RAB01589).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin-fixed paraffin-embedded sections) of Human tonsil with ARPC2 recombinant monoclonal antibody, clone R04-1B6 (Cat # RAB01589).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic peptide of human ARPC2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human ARPC2
Theoretical MW (kDa)	Calculated MW: 34 kD
Reactivity	Human

Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence(1:50-1:200) Immunohistochemistry (1:50-1:100) Immunoprecipitation(1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C for short term. For long term storage 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.

Applications

- Western Blot

Western blot analysis of ARPC2 in rat Brain, C6, 3T3, Hela lysates using human ARPC2 recombinant monoclonal antibody, clone R04-1B6 (Cat # RAB01589).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin-fixed paraffin-embedded sections) of Human tonsil with ARPC2 recombinant monoclonal antibody, clone R04-1B6 (Cat # RAB01589).

- Immunohistochemistry (Frozen sections)

- Immunocytochemistry

- Immunoprecipitation

Gene Info — ARPC2

Entrez GeneID	10109
Protein Accession#	Q15144
Gene Name	ARPC2

Gene Alias	ARC34, PNAS-139, PRO2446, p34-Arc
Gene Description	actin related protein 2/3 complex, subunit 2, 34kDa
Omim ID	604224
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 p34 subunit, has yet to be determined. Two alternatively spliced variants have been characterized to date. Additional alternatively spliced variants have been described but their full length nature has not been determined. [provided by RefSeq]</p>
Other Designations	ARP2/3 protein complex subunit 34 OTTHUMP00000164144 actin related protein 2/3 complex subunit 2 actin related protein 2/3 complex, subunit 2 (34 kD)

Pathway

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

Disease

- [Colitis](#)
- [Genetic Predisposition to Disease](#)