

## AP08957PU-N

## Polyclonal Antibody to ARPC2 / ARC34 (288-300) - Aff - Purified

<b>Alternate names:</b>	Actin-related protein 2/3 complex subunit 2, Arp2/3 complex 34 kDa subunit, PRO2446, p34-ARC
<b>Quantity:</b>	50 µg
<b>Concentration:</b>	0.5 mg/ml
<b>Background:</b>	<p>ARPC2 is 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 ARPC2, the p34 subunit, has yet to be determined.</p> <p>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.</p>
<b>Uniprot ID:</b>	<a href="#">O15144</a>
<b>NCBI:</b>	<a href="#">NP_005722.1</a>
<b>GeneID:</b>	<a href="#">10109</a>
<b>Host / Isotype:</b>	Goat / IgG
<b>Immunogen:</b>	<p>Synthetic peptide from the C Terminus of Human ARPC2.</p> <p><b>AA Sequence:</b> C-EMKTIITGKTFSSR</p> <p><b>Remarks:</b> Percent identity by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Dog, Bovine, Rabbit, Opossum, Platypus (100%); Horse, Lizard (92%); Turkey, Chicken, Xenopus (85%)</p>
<b>Format:</b>	<p><b>State:</b> Liquid purified Ig fraction</p> <p><b>Purification:</b> Immunoaffinity Chromatography</p> <p><b>Buffer System:</b> Tris-Saline, pH 7.3 containing 0.02% Sodium Azide as preservative and 0.5% BSA as stabilizer</p>
<b>Applications:</b>	<p><b>ELISA:</b> 1/32000.</p> <p><b>Immunohistochemistry on Paraffin Sections:</b> 3.75 µg/ml.</p> <p><b>Western Blot:</b> 0.1 - 0.5 µg/ml.</p> <p>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
<b>Specificity:</b>	This antibody is expected to recognize both reported isoforms of ARPC2 as represented by NP_005722 and NP_690601 at aa 288-300.
<b>Species Reactivity:</b>	<b>Tested:</b> Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Dog, Bovine, Rabbit, Opossum, Platypus, Horse, Lizard, Turkey, Chicken, Xenopus

**Storage:**

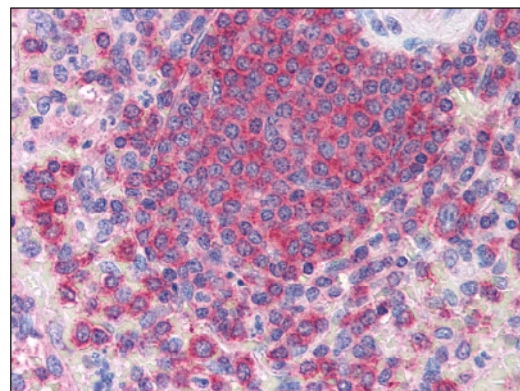
Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

**Pictures:**

Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)



Staining (AP08957PU-N at 0.2 µg/ml) of HeLa lysate (RIPA buffer, 35 µg total protein per lane) by Western blot. Primary incubated for 1 hour and detected by chemiluminescence.

