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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
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- Expressversand

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Product Number	ARP58587_P050-Biotin
Product Page	www.avivasysbio.com/arp2-antibody-n-terminal-region-biotin-arp58587-p050-biotin.html
Name	ARPC2 Antibody - N-terminal region : Biotin (ARP58587_P050-Biotin)
Protein Size (# AA)	300 amino acids
Molecular Weight	33kDa
Subunit	2
Conjugation	Biotin
NCBI Gene Id	10109
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Actin related protein 2/3 complex, subunit 2, 34kDa
Alias Symbols	ARC34, PRO2446, p34-Arc, PNAS-139
Peptide Sequence	Synthetic peptide located within the following region: MVLNVYCCFFQISDIQTMKINQTLKEFILVGFVSVYPHVQTFVVFVFL
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Cai,L., (2007) Cell 128 (5), 915-929
Description of Target	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. 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.
Protein Interactions	SUMO2; UBC; ARPC5L; AARSD1; PUS1; NIF3L1; THG1L; NSUN2; SH3GLB1; LAP3; TPRKB; TNPO3; ANP32B; ACTR2; ACTR3; ARPC1B; ARPC3; ARPC4; ARPC5; TOM1L1; FUBP1; SUMO1; TPD52L2; SH3GL1; RPA2; RPA1; RANGAP1; PRKACB; PRKACA; PPP2R5D; PFDN5; PPP1R12A; MTR; METTL1; CALU
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-ARPC2 (ARP58587_P050-Biotin) antibody
Blocking Peptide	For anti-ARPC2 (ARP58587_P050-Biotin) antibody is Catalog # AAP58587 (Previous Catalog # AAPP35707)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ARPC2
Uniprot ID	O15144
Protein Name	Actin-related protein 2/3 complex subunit 2
Publications	Al Ghoulch, I., Rodríguez, A., Pagano, P. J. & Csányi, G. Proteomic analysis identifies an NADPH oxidase 1 (Nox1)-mediated role for actin-related protein 2/3 complex subunit 2 (ARPC2) in promoting smooth muscle cell migration. Int. J. Mol. Sci. 14, 20220-35 (2013). WB, Human, Bovine, Rabbit, Rat, Guinea pig, Mouse, Horse 24152438
Protein Accession #	NP_005722
Purification	Affinity Purified

Nucleotide Accession #	NM_005731
Gene Symbol	ARPC2
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Guinea Pig, Horse, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Guinea Pig: 100%; Horse: 86%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Image 1	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

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This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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