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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58414_P050-Biotin
Product Page	www.avivasysbio.com/actr1a-antibody-middle-region-biotin-arp58414-p050-biotin.html
Name	ACTR1A Antibody - middle region : Biotin (ARP58414_P050-Biotin)
Protein Size (# AA)	376 amino acids
Molecular Weight	41kDa
Conjugation	Biotin
NCBI Gene Id	10121
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	ARP1 actin-related protein 1 homolog A, centractin alpha (yeast)
Alias Symbols	ARP1, Arp1A, CTRN1
Peptide Sequence	Synthetic peptide located within the following region: AIKERACYLSINPQKDETLETEKAQYYLPDGSTIEIGPSRFRAPELLFRP
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Sugarbaker,D.J., (2008) Proc. Natl. Acad. Sci. U.S.A. 105 (9), 3521-3526
Description of Target	ACTR1A is a 42.6 kD subunit of dynactin, a macromolecular complex consisting of 10-11 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein. It is involved in a diverse array of cellular functions, including ER-to-Golgi transport, the centripetal movement of lysosomes and endosomes, spindle formation, chromosome movement, nuclear positioning, and axonogenesis. This subunit is present in 8-13 copies per dynactin molecule, and is the most abundant molecule in the dynactin complex. It is an actin-related protein, and is approximately 60% identical at the amino acid level to conventional actin. This gene encodes a 42.6 kD subunit of dynactin, a macromolecular complex consisting of 10-11 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein. It is involved in a diverse array of cellular functions, including ER-to-Golgi transport, the centripetal movement of lysosomes and endosomes, spindle formation, chromosome movement, nuclear positioning, and axonogenesis. This subunit is present in 8-13 copies per dynactin molecule, and is the most abundant molecule in the dynactin complex. It is an actin-related protein, and is approximately 60% identical at the amino acid level to conventional actin. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Protein Interactions	HUWE1; SUMO2; UBC; NUP133; DCTN4; MYCBP; DCTN3; DCTN2; ACTR1B; LMNB1; COG3; ACTR10; SMURF1; RRS1; PSMD1; PSMC4; MYH9; MCM7; COPS5; CUL1; CUL3; SUMO1; Cep76; Actr1a; Dctn1; Capza1; HDAC6; SPTBN2; SPTBN1; NUMA1; BICD2;
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-ACTR1A (ARP58414_P050-Biotin) antibody
Blocking Peptide	For anti-ACTR1A (ARP58414_P050-Biotin) antibody is Catalog # AAP58414 (Previous Catalog # AAPP34545)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ACTR1A
Uniprot ID	P61163
Protein Name	Alpha-centractin
Protein Accession #	NP_005727
Purification	Affinity Purified
Nucleotide Accession #	NM_005736

Gene Symbol	ACTR1A
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 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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Optimal conditions of its use should be determined by end users.

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