



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58414_P050-FITC
Product Page	<a href="http://www.avivasysbio.com/actr1a-antibody-middle-region-fitc-arp58414-p050-fitc.html">www.avivasysbio.com/actr1a-antibody-middle-region-fitc-arp58414-p050-fitc.html</a>
Name	ACTR1A Antibody - middle region : FITC (ARP58414_P050-FITC)
Protein Size (# AA)	376 amino acids
Molecular Weight	41kDa
Conjugation	FITC: Fluorescein Isothiocyanate
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: <a href="#">AIKERACYLSINPQKDETLETEKAQYYLPDGSTIEIGPSRFRAPPELLFRP</a>
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 <a href="#">anti-ACTR1A (ARP58414_P050-FITC) antibody</a>
Blocking Peptide	For anti-ACTR1A (ARP58414_P050-FITC) antibody is <a href="#">Catalog # AAP58414</a> (Previous Catalog # AAP34545)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ACTR1A
Uniprot ID	<a href="#">P61163</a>
Protein Name	Alpha-centractin
Protein Accession #	<a href="#">NP_005727</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_005736</a>

<b>Gene Symbol</b>	<a href="#">ACTR1A</a>
<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
<b>Application</b>	WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
<b>Image 1</b>	 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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