



# 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

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	ARP55128_P050-Biotin
Product Page	<a href="http://www.avivasysbio.com/kifap3-antibody-middle-region-biotin-arp55128-p050-biotin.html">www.avivasysbio.com/kifap3-antibody-middle-region-biotin-arp55128-p050-biotin.html</a>
Name	KIFAP3 Antibody - middle region : Biotin (ARP55128_P050-Biotin)
Protein Size (# AA)	792 amino acids
Molecular Weight	91kDa
Conjugation	Biotin
NCBI Gene Id	22920
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Kinesin-associated protein 3
Alias Symbols	FLA3, KAP3, SMAP, KAP-1, KAP-3, Smg-GDS, dJ190I16.1
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">WLEMVESRQMDSESEQYLYGDDRIEPIHEGDILERPDLFYNSDGLIASEG</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	The small G protein GDP dissociation stimulator (smg GDS) is a regulator protein having two activities on a group of small G proteins including the Rho and Rap1 family members and Ki-Ras; one is to stimulate their GDP/GTP exchange reactions, and the other is to inhibit their interactions with membranes. The protein encoded by this gene contains 9 'Armadillo' repeats and interacts with the smg GDS protein through these repeats. This protein, which is highly concentrated around the endoplasmic reticulum, is phosphorylated by v-src, and this phosphorylation reduces the affinity of the protein for smg GDS. It is thought that this protein serves as a linker between human chromosome-associated polypeptide (HCAP) and KIF3A/B, a kinesin superfamily protein in the nucleus, and that it plays a role in the interaction of chromosomes with an ATPase motor protein.
Protein Interactions	NAA10; NCF2; UBC; PEX19; RBFOX1; KIF3A; VHL; RANBP2; MEST; DISC1; NIPSNAP3A; NUDT21; AR; RAP1GDS1; MINK1; SMC3; KIF3B; KIFAP3; MAP3K10; RPGR; SRC; APC; MAP3K11;
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-KIFAP3 (ARP55128_P050-Biotin) antibody</a>
Blocking Peptide	For anti-KIFAP3 (ARP55128_P050-Biotin) antibody is <a href="#">Catalog# AAP55128</a> (Previous Catalog# AAPP32746)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human KIFAP3
Uniprot ID	<a href="#">Q92845</a>
Protein Name	Kinesin-associated protein 3
Protein Accession #	<a href="#">NP_055785</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_014970</a>
Gene Symbol	<a href="#">KIFAP3</a>
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**



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

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.

---

AVIVA SYSTEMS BIOLOGY

6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | [info@avivasysbio.com](mailto:info@avivasysbio.com)