



# 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

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Product Number	ARP55162_P050-Biotin
Product Page	<a href="http://www.avivasysbio.com/spart-antibody-middle-region-biotin-arp55162-p050-biotin.html">www.avivasysbio.com/spart-antibody-middle-region-biotin-arp55162-p050-biotin.html</a>
Name	SPART Antibody - middle region : Biotin (ARP55162_P050-Biotin)
Protein Size (# AA)	666 amino acids
Molecular Weight	73kDa
Conjugation	Biotin
NCBI Gene Id	23111
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	spartin
Alias Symbols	SPG20, TAHCCP1
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">ASWVSWGVLVKGAEITGKAIQKGASKLRERIQPEEKPVEVSPAVTKGLYIA</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	This gene encodes a protein containing a MIT (Microtubule Interacting and Trafficking molecule) domain, and is implicated in regulating endosomal trafficking and mitochondria function. The protein localizes to mitochondria and partially co-localizes with microtubules. Stimulation with epidermal growth factor (EGF) results in protein translocation to the plasma membrane, and the protein functions in the degradation and intracellular trafficking of EGF receptor. Multiple alternatively spliced variants, encoding the same protein, have been identified. Mutations associated with this gene cause autosomal recessive spastic paraplegia 20 (Troyer syndrome).
Protein Interactions	UBC; WWOX; ITCH; PLIN3; SMURF2; ZFYVE9; APP; EPS15; SMURF1; WWP2; WWP1; SUMO2; KLC2; AIFM1; VIM; NCL; LMNB1; KPNB1; KIF5B; HSPD1; HSPA9; HSPA5; HADHA; ACSL4; ACSL3; DYNC1H1; COPA; CLTC; TUBA1A;
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-SPART (ARP55162_P050-Biotin) antibody</a>
Blocking Peptide	For anti-SPART (ARP55162_P050-Biotin) antibody is <a href="#">Catalog# AAP55162</a> (Previous Catalog# AAPP32780)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SPG20
Uniprot ID	<a href="#">Q8N0X7</a>
Protein Name	spartin
Sample Type Confirmation	SPG20 is supported by BioGPS gene expression data to be expressed in OVCAR3
Protein Accession #	<a href="#">NP_055902</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_015087</a>
Gene Symbol	<a href="#">SPART</a>
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	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: 79%
<b>Image 1</b>	 A schematic diagram of an antibody molecule, represented as a Y-shaped structure. It consists of two heavy chains (inner lines) and two light chains (outer lines), all connected at their base. The two arms of the Y extend upwards and outwards, representing the antigen-binding sites.

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.

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