



# 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	ARP58247_P050-Biotin
Product Page	<a href="http://www.avivasysbio.com/sumo3-antibody-middle-region-biotin-arp58247-p050-biotin.html">www.avivasysbio.com/sumo3-antibody-middle-region-biotin-arp58247-p050-biotin.html</a>
Name	SUMO3 Antibody - middle region : Biotin (ARP58247_P050-Biotin)
Protein Size (# AA)	103 amino acids
Molecular Weight	12kDa
Conjugation	Biotin
NCBI Gene Id	6612
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	SMT3 suppressor of mif two 3 homolog 3 (S. cerevisiae)
Alias Symbols	SMT3A, Smt3B, SMT3H1, SUMO-3
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">MRQIRFRFDGQPINETDTPAQLEMEDEDITIDVFQQQTGGVPESLAGHSF</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Zhang,X.D., (2008) Mol. Cell 29 (6), 729-741
Description of Target	SUMO proteins, such as SUMO3, and ubiquitin (see MIM 191339) posttranslationally modify numerous cellular proteins and affect their metabolism and function. However, unlike ubiquitination, which targets proteins for degradation, sumoylation participates in a number of cellular processes, such as nuclear transport, transcriptional regulation, apoptosis, and protein stability. SUMO proteins, such as SUMO3, and ubiquitin (see MIM 191339) posttranslationally modify numerous cellular proteins and affect their metabolism and function. However, unlike ubiquitination, which targets proteins for degradation, sumoylation participates in a number of cellular processes, such as nuclear transport, transcriptional regulation, apoptosis, and protein stability (Su and Li, 2002 [PubMed 12383504]). [supplied by OMIM]. 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	PML; USPL1; UBC; HIF1A; ESRRA; EP300; SENP1; USP25; SENP5; SENP2; TP53; SP100; RANGAP1; RGPD8; SUMO3; TRA2B; SDHA; GNB2; GNB1; GART; GAPDH; XRCC6; FLNA; FEN1; FASN; FBL; ENO1; EMD; EIF4A2; EIF4A1; EIF2S1; EEF2; EEF1G; EEF1D; EEF1A1; DNMT1; DYNC1H1; DHX15;
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-SUMO3 (ARP58247_P050-Biotin) antibody</a>
Blocking Peptide	For anti-SUMO3 (ARP58247_P050-Biotin) antibody is <a href="#">Catalog# AAP58247</a> (Previous Catalog# AAPP32846)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SUMO3
Uniprot ID	<a href="#">P55854</a>
Protein Name	Small ubiquitin-related modifier 3
Sample Type Confirmation	SUMO3 is strongly supported by BioGPS gene expression data to be expressed in MCF7
Protein Accession #	<a href="#">NP_008867</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_006936</a>
Gene Symbol	<a href="#">SUMO3</a>

<b>Predicted Species Reactivity</b>	Human
<b>Application</b>	WB, IHC
<b>Predicted Homology Based on Immunogen Sequence</b>	Human: 100%
<b>Image 1</b>	

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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