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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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

www.szabo-scandic.com

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

Product Number	ARP55059_P050-Biotin
Product Page	www.avivasysbio.com/sesn1-antibody-middle-region-biotin-arp55059-p050-biotin.html
Name	SESN1 Antibody - middle region : Biotin (ARP55059_P050-Biotin)
Protein Size (# AA)	551 amino acids
Molecular Weight	64kDa
Conjugation	Biotin
NCBI Gene Id	27244
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	sestrin 1
Alias Symbols	PA26, SEST1
Peptide Sequence	Synthetic peptide located within the following region: KWLNGLENAPQKIQNLGELNKVLAHRPWLITKEHIEGLLKAEHHSWSLAE
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	This gene encodes a member of the sestrin family. Sestrins are induced by the p53 tumor suppressor protein and play a role in the cellular response to DNA damage and oxidative stress. The encoded protein mediates p53 inhibition of cell growth by activating AMP-activated protein kinase, which results in the inhibition of the mammalian target of rapamycin protein. The encoded protein also plays a critical role in antioxidant defense by regenerating overoxidized peroxiredoxins, and the expression of this gene is a potential marker for exposure to radiation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Protein Interactions	UBC; RBX1; KEAP1; SQSTM1; PRDX1;
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-SESN1 (ARP55059_P050-Biotin) antibody
Blocking Peptide	For anti-SESN1 (ARP55059_P050-Biotin) antibody is Catalog# AAP55059
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of Human SESN1
Uniprot ID	Q9Y6P5-2
Protein Name	Sestrin-1
Protein Accession #	NP_055269
Purification	Affinity Purified
Nucleotide Accession #	NM_014454
Gene Symbol	SESN1
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: 93%; Rat: 100%; Zebrafish: 79%

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.

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