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Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP55489_P050-Biotin
Product Page	www.avivasysbio.com/senp5-antibody-middle-region-biotin-arp55489-p050-biotin.html
Name	SENP5 Antibody - middle region : Biotin (ARP55489_P050-Biotin)
Protein Size (# AA)	755 amino acids
Molecular Weight	87kDa
Conjugation	Biotin
NCBI Gene Id	205564
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	SUMO1/sentrin specific peptidase 5
Alias Symbols	DKFZp564O1016, FLJ42398, MGC27076
Peptide Sequence	Synthetic peptide located within the following region: LSGFLDEVMKKYGSLVPLSEKEVLGRLKDFVNEDFSNRKPFINREITNYR
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Gong,L. (2006) J. Biol. Chem. 281 (23), 15869-15877
Description of Target	The reversible posttranslational modification of proteins by the addition of small ubiquitin-like SUMO proteins (see SUMO1; MIM 601912) is required for numerous biologic processes. SUMO-specific proteases, such as SENP5, are responsible for the initial processing of SUMO precursors to generate a C-terminal diglycine motif required for the conjugation reaction. They also have isopeptidase activity for the removal of SUMO from high molecular mass SUMO conjugates.
Protein Interactions	RABGAP1; SUMO3; PASK; SUMO2;
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-SENP5 (ARP55489_P050-Biotin) antibody
Blocking Peptide	For anti-SENP5 (ARP55489_P050-Biotin) antibody is Catalog # AAP55489 (Previous Catalog # AAPP33381)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SENP5
Uniprot ID	Q96HI0
Protein Name	Sentrin-specific protease 5
Protein Accession #	NP_689912
Purification	Affinity Purified
Nucleotide Accession #	NM_152699
Gene Symbol	SENP5
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
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%

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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