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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP55229_P050-Biotin
Product Page	www.avivasysbio.com/smg5-antibody-n-terminal-region-biotin-arp55229-p050-biotin.html
Name	SMG5 Antibody - N-terminal region : Biotin (ARP55229_P050-Biotin)
Protein Size (# AA)	1016 amino acids
Molecular Weight	114kDa
Conjugation	Biotin
NCBI Gene Id	23381
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Smg-5 homolog, nonsense mediated mRNA decay factor (C. elegans)
Alias Symbols	EST1B, SMG-5, LPTSRP1, LPTS-RP1
Peptide Sequence	Synthetic peptide located within the following region: MSQGPPTGESSEPEAKVLHTKRLYRAVVEAVHRLDLILCNKTAYQEVFKP
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Glavan,F., (2006) EMBO J. 25 (21), 5117-5125
Description of Target	SMG5 plays a role in nonsense-mediated mRNA decay. SMG5 does not have RNase activity by itself. SMG5 promotes dephosphorylation of RENT1. SMG5 is necessary for TERT activity. SMG5 is involved in nonsense-mediated mRNA decay (Ohnishi et al., 2003 [PubMed 14636577]).[supplied by OMIM].
Protein Interactions	RBM8A; UPF1; PHB; ZWINT; UBC; APP; HDAC8; STUB1; SMG7; SMG6; SMG1; TERT;
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-SMG5 (ARP55229_P050-Biotin) antibody
Blocking Peptide	For anti-SMG5 (ARP55229_P050-Biotin) antibody is Catalog # AAP55229 (Previous Catalog # AAPP33056)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SMG5
Uniprot ID	Q9UPR3
Protein Name	Protein SMG5
Protein Accession #	NP_056142
Purification	Affinity Purified
Nucleotide Accession #	NM_015327
Gene Symbol	SMG5
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 93%; Guinea Pig: 86%; Horse: 93%; Human: 100%; Mouse: 93%; Pig: 93%; Rat: 86%

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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