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Produktinformation



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 | ARP55229_P050-FITC |
| Product Page | www.avivasysbio.com/smg5-antibody-n-terminal-region-fitc-arp55229-p050-fitc.html |
| Name | SMG5 Antibody - N-terminal region : FITC (ARP55229_P050-FITC) |
| Protein Size (# AA) | 1016 amino acids |
| Molecular Weight | 114kDa |
| Conjugation | FITC: Fluorescein Isothiocyanate |
| 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-FITC) antibody |
| Blocking Peptide | For anti-SMG5 (ARP55229_P050-FITC) 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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