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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	ARP55013_P050-Biotin
Product Page	www.avivasysbio.com/smug1-antibody-middle-region-biotin-arp55013-p050-biotin.html
Name	SMUG1 Antibody - middle region : Biotin (ARP55013_P050-Biotin)
Protein Size (# AA)	270 amino acids
Molecular Weight	30kDa
Conjugation	Biotin
NCBI Gene Id	23583
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Single-strand-selective monofunctional uracil-DNA glycosylase 1
Alias Symbols	FDG, UNG3, HMUDG
Peptide Sequence	Synthetic peptide located within the following region: IVGPNLTPPQEHKRPVGLGECPSQSEVSGARFWGFFRNLCGQPEVFFHHC
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Bethke,L., (2008) J. Natl. Cancer Inst. 100 (4), 270-276
Description of Target	SMUG1 is a glycosylase that removes uracil from single- and double-stranded DNA in nuclear chromatin, thus contributing to base excision repair. SMUG1 is a glycosylase that removes uracil from single- and double-stranded DNA in nuclear chromatin, thus contributing to base excision repair. [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	VAC14; UNG; vpr; UBC; RBPMS; TRIP13;
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-SMUG1 (ARP55013_P050-Biotin) antibody
Blocking Peptide	For anti-SMUG1 (ARP55013_P050-Biotin) antibody is Catalog # AAP55013 (Previous Catalog # AAPP32274)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SMUG1
Uniprot ID	Q53HV7
Protein Name	Single-strand selective monofunctional uracil DNA glycosylase
Sample Type Confirmation	SMUG1 is supported by BioGPS gene expression data to be expressed in HeLa
Protein Accession #	NP_055126
Purification	Affinity Purified
Nucleotide Accession #	NM_014311
Gene Symbol	SMUG1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 91%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 93%; Rat: 93%
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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