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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP56117_P050-Biotin
Product Page	www.avivasysbio.com/pms2-antibody-middle-region-biotin-arp56117-p050-biotin.html
Name	PMS2 Antibody - middle region : Biotin (ARP56117_P050-Biotin)
Protein Size (# AA)	862 amino acids
Molecular Weight	96kDa
Conjugation	Biotin
NCBI Gene Id	5395
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	PMS2 postmeiotic segregation increased 2 (<i>S. cerevisiae</i>)
Alias Symbols	MLH4, PMSL2, HNPCC4, MMRC54, PMS2CL
Peptide Sequence	Synthetic peptide located within the following region: INKKVYPLDFSMSSLAKRIQLHHEAQOQSEGEQNYRKFRKICPGENQAA
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Jackson,C.C., (2008) <i>Pediatr Blood Cancer</i> 50 (6), 1268-1270
Description of Target	PMS2 is involved in DNA mismatch repair. It forms a heterodimer with MLH1 and this complex interacts with other complexes bound to mismatched bases. Mutations in this gene are associated with hereditary nonpolyposis colorectal cancer, Turcot syndrome, and are a cause of supratentorial primitive neuroectodermal tumors. This gene is one of the PMS2 gene family members found in clusters on chromosome 7. The product of this gene is involved in DNA mismatch repair. It forms a heterodimer with MLH1 and this complex interacts with other complexes bound to mismatched bases. Mutations in this gene are associated with hereditary nonpolyposis colorectal cancer, Turcot syndrome, and are a cause of supratentorial primitive neuroectodermal tumors. Alternatively spliced transcript variants have been observed for this gene.
Protein Interactions	UBC; MLH1; PCNA; PMS2P1; NSF; MSH2; LMNA; MSH6; SPRTN; BRIP1; FAN1; CLSPN; TOPBP1; PSD2; MMS19; ATAD3A; NSUN2; UBR5; COPG2; PSD3; COPG1; RUVBL2; EXO1; AIFM1; RUVBL1; XPO1; SMARCA4; RFC2; PSMD5; PSMC6; PSMC3; PSMC2; PSMC1; PRKDC; PPP2CA; PIK3C2A; MSH3; MCM
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-PMS2 (ARP56117_P050-Biotin) antibody
Blocking Peptide	For anti-PMS2 (ARP56117_P050-Biotin) antibody is Catalog # AAP56117 (Previous Catalog # AAPP37738)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PMS2
Uniprot ID	P54278
Protein Name	Mismatch repair endonuclease PMS2
Sample Type Confirmation	PMS2 is supported by BioGPS gene expression data to be expressed in HepG2
Protein Accession #	NP_000526
Purification	Affinity Purified
Nucleotide Accession #	NM_000535
Gene Symbol	PMS2

Predicted Species Reactivity	Human, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Yeast
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 85%; Dog: 92%; Guinea Pig: 100%; Horse: 92%; Human: 100%; Rabbit: 92%; Rat: 92%; Yeast: 91%
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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