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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	ARP56076_P050-Biotin
Product Page	www.avivasysbio.com/mlh1-antibody-n-terminal-region-biotin-arp56076-p050-biotin.html
Name	MLH1 Antibody - N-terminal region : Biotin (ARP56076_P050-Biotin)
Protein Size (# AA)	756 amino acids
Molecular Weight	84kDa
Conjugation	Biotin
NCBI Gene Id	4292
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	MutL homolog 1, colon cancer, nonpolyposis type 2 (E. coli)
Alias Symbols	FCC2, COCA2, HNPCC, hMLH1, HNPCC2, MMRC51
Peptide Sequence	Synthetic peptide located within the following region: MIENCLDAKSTSIQVIVKEGGLKLIQIQDNGTGIRKEDLDIVCERFTTSK
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Harley, I., (2008) Gynecol. Oncol. 109 (3), 384-387
Description of Target	This gene was identified as a locus frequently mutated in hereditary nonpolyposis colon cancer (HNPCC). It is a human homolog of the E. coli DNA mismatch repair gene mutL, consistent with the characteristic alterations in microsatellite sequences (RER+ phenotype) found in HNPCC. This gene was identified as a locus frequently mutated in hereditary nonpolyposis colon cancer (HNPCC). It is a human homolog of the E. coli DNA mismatch repair gene mutL, consistent with the characteristic alterations in microsatellite sequences (RER+ phenotype) found in HNPCC. Alternatively spliced transcript variants encoding different isoforms have been described, but their full-length natures have not been determined. 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	SPERT; CXorf57; PSMA1; MYOG; MSH3; KPNA2; MLH3; ZC3H11A; EXO1; PMS2; MMS19; PCNA; DES; CTSS; ATF2; CKB; CAPN5; ASS1; TRIM23; ARAF; APRT; ANXA6; ANXA2; ALDOA; ACTG2; ACTG1; TXN2; GABARAP; EXOC3; CKAP4; AGR2; ZER1; NDRG1; AIFM1; SELENBP1; SQSTM1; FCGBP; ABC
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-MLH1 (ARP56076_P050-Biotin) antibody
Blocking Peptide	For anti-MLH1 (ARP56076_P050-Biotin) antibody is Catalog # AAP56076 (Previous Catalog # AAPP37541)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human MLH1
Uniprot ID	P40692
Protein Name	DNA mismatch repair protein Mlh1
Sample Type Confirmation	MLH1 is supported by BioGPS gene expression data to be expressed in HEK293T
Protein Accession #	NP_000240
Purification	Affinity Purified
Nucleotide Accession #	NM_000249
Gene Symbol	MLH1

Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Yeast, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 83%; Zebrafish: 79%
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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