

Rabbit PMS2 Polyclonal Antibody | anti-PMS2 antibody

PMS2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA171628	Rabbit	Human, Mouse, Rat	Western Blot

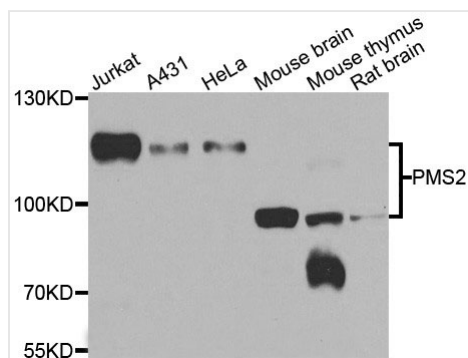
PRODUCT SYNONYMS

PMS2; Polyclonal Antibody; PMS2 Polyclonal Antibody; HNPCC4; MLH4; PMS2CL; PMSL2; anti-PMS2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	899
Applicable Applications for anti-PMS2 antibody	WB (Western Blot)
Immunogen	Recombinant protein of human PMS2
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-11440 / sc-618 / sc-617
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of extracts of various cell lines with PMS2 Polyclonal Antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PMS2 antibody	The protein encoded by this gene is a key component of the mismatch repair system that functions to correct DNA mismatches and small insertions and deletions that can occur during DNA replication and homologous recombination. This protein forms heterodimers with the gene product of the mutL homolog 1 (MLH1) gene to form the MutLalpha heterodimer. The MutL-alpha heterodimer possesses an endonucleolytic activity that is activated following recognition of mismatches and insertion/deletion loops by the MutS-alpha and MutSbeta heterodimers, and is necessary for removal of the mismatched DNA. There is a DQHA(X)2E(X)4E motif found at the C-terminus of the protein encoded by this gene that forms part of the active site of the nuclease. Mutations in this gene have been associated with hereditary nonpolyposis colorectal cancer (HNPCC; also known as Lynch syndrome) and Turcot syndrome.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17136970
NCBI GeneID	36705
NCBI Accession #	NP_477023.1
NCBI GenBank Nucleotide #	NM_057675.4
UniProt Accession #	P54278
Molecular Weight	Calculated MW: 20kDa/51kDa/62kDa/95kDa Observed MW: 96kDa, 115kDa
NCBI Official Full Name	Pms2
NCBI Official Symbol	Pms2
NCBI Official Synonym Symbols	CG8169; DmelCG8169; dmlh-2; dmlh2; dpms2; Mlh2; pms2
NCBI Protein Information	CG8169 gene product from transcript CG8169-RA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pms2-antibody-western-blot-elisa/171628>