

Rabbit anti-Human, Mouse PMS2 Polyclonal Antibody | anti-PMS2 antibody

PMS2 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA313450	Rabbit	Human, Mouse	Immunofluorescence, Western Blot

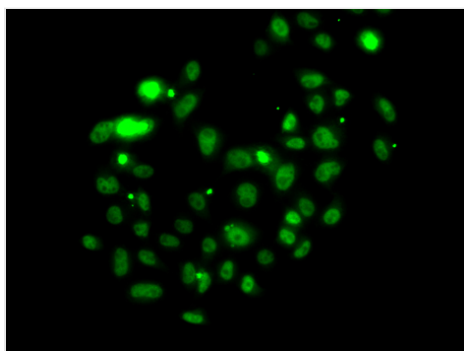
PRODUCT SYNONYMS

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

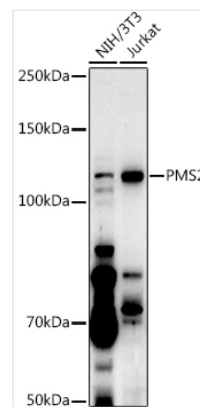
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-PMS2 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human PMS2 (NP_000526.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using PMS2 antibody.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PMS2 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 MutL-alpha 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 MutS-beta 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.
Product Categories/Family for anti-PMS2 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505913
NCBI GeneID	5395
NCBI Accession #	NP_000526.1
NCBI GenBank Nucleotide #	NM_000535.5
UniProt Accession #	P54278; Q52LH6; Q5FBW9; Q5FBX1; Q5FBX2; Q75MR2; B2R610
Molecular Weight	95,797 Da
NCBI Official Full Name	mismatch repair endonuclease PMS2 isoform a
NCBI Official Synonym Full Names	PMS2 postmeiotic segregation increased 2 (S. cerevisiae)
NCBI Official Symbol	PMS2
NCBI Official Synonym Symbols	PMSL2; HNPCC4; PMS2CL
NCBI Protein Information	mismatch repair endonuclease PMS2; H_DJ0042M02.9; PMS1 protein homolog 2; DNA mismatch repair protein PMS2
UniProt Protein Name	Mismatch repair endonuclease PMS2
UniProt Gene Name	PMS2
UniProt Synonym Gene Names	PMSL2
UniProt Entry Name	PMS2_HUMAN

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://www.aaabiotech.com/polyclonal/pms2-antibody-immunofluorescence-western-blot-elisa/313450>