

DNAxPAb

Hard-to-Find
Antibody

PMS2 DNAxPab

Catalog # H00005395-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human PMS2 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MERAESSSTEPAKAIKPIDRKSVHQICSGQVVLSLSTAVKELVENS LDAGATNIDLKLDYGVDLIE
VSDNGCGVEEENFEGLTLKHHTSKIQEFADLTQVETFGFRGEALSSLCALSDVTISTCHASAKVG
TRLMFDHNGKIIQKTPYPRRGTTVSQQLFSTLPVRHKEFQRNIKKEYAKMVQVLHAYCIISAGIRV
SCTNQLGQGKRQPVVCTGGSPSIKENIGSVFGQKQLQSLIPFVQLPPSDSVCEEYGLSCSDALHN
LFYISGFISQCTHGVGRSSTRQFFFINRRPCDPAKVCRLVNEVYHMYNRHQYPFVVLNISVDSEC
VDINVTDPKRQILLQEEKLLLA VLKTSLIGMFSDVNKLNVSQQLLDVEGNLIKMHAAADLEKPMV
EKQDQSPSLRTGEEKKDVSISRLREAFSLRHTTENKPHSPKTPEPRRSPLGQKRGMLSSSTSGAI
SDKGVLRPQKEAVSSSHGPSDPTDRAEVEKDSGHGSTSV DSEGF SIPDTGSHCSSEYAASSPG
DRGSQEHVDSQEKAPETDDSFSDVDCHSNQEDTGCKFRVLPQPTNLATPNTKRFKKEEILSSS
DICQKL VNTQDMSASQVDVAVKINKVVPLDFSMSSLAKRIKQLHHEAQQSEGEQNYRKFRAKIC
PGENQAAEDEL RKEISKTMFAEMEIGQFNLGFIITKL NEDIFVDQHATDEKYNFEMLQQHTVLQGGQ
RLIAPQTLNLTAVNEAVLIENLEIFRKN GFD FVIDENAPVTERAKLISLPTSKNWTFGPDVDELIFML
SDSPGVMCRPSRVKQMFASRACRKSVMIGTALNTSEMKKLITHMGEMDHPWNC PHGRPTMRHI
ANLGVISQN

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — PMS2

Entrez GeneID [5395](#)

GeneBank Accession# [NM_000535.4](#)

Protein Accession# [NP_000526.1](#)

Gene Name PMS2

Gene Alias HNPCC4, PMS2CL, PMSL2

Gene Description PMS2 postmeiotic segregation increased 2 (S. cerevisiae)

Omim ID [276300 600259 608623](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations DNA mismatch repair protein|H_DJ0042M02.9|PMS2 postmeiotic segregation increased 2|mismatch repair endonuclease|postmeiotic segregation increased 2

Pathway

- [Mismatch repair](#)

Disease

- [Adenocarcinoma](#)
- [Ataxia telangiectasia](#)
- [Breast cancer](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Duodenal Neoplasms](#)
- [Endometrial Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Ileal Neoplasms](#)
- [Jejunal Neoplasms](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Microsatellite Instability](#)
- [Neoplasm Invasiveness](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Prostatic Neoplasms](#)

- [Pulmonary Disease](#)
- [Thyroid Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)