

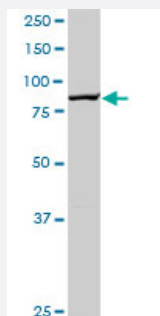
MaxPab®

PMS2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005395-D01P

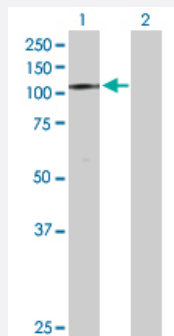
Size 100 ug

Applications



Western Blot (Tissue lysate)

PMS2 MaxPab rabbit polyclonal antibody. Western Blot analysis of PMS2 expression in human placenta.



Western Blot (Transfected lysate)

Western Blot analysis of PMS2 expression in transfected 293T cell line ([H00005395-T02](#)) by PMS2 MaxPab polyclonal antibody.

Lane 1: PMS2 transfected lysate(95.80 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human PMS2 protein.

Immunogen

PMS2 (NP_000526.1, 1 a.a. ~ 862 a.a) full-length human protein.

Sequence	MERAESSSTEPAKAIKPIDRKSVHQICSGQVVLSLSTAVKELVENS LDAGATNIDLKLDYGVDLIE VSDNGCGVEEENFEGLTLKHHTSKIQEFADLTQVETFGFRGEALSSLCALSDVTISTCHASAKVG TRLMFDHNGKIIQKTPYRPRGTTVSVQQLFSTLPVRHKEFQRNIKKEYAKMVQVLHAYCIISAGIRV SCTNQLGQGKRQPVVCTGGSPSIKENIGSVFGQKQLQSLIPFVQLPPSDSVCEEYGLSCSDALHN LFYISGFISQCTHGVGRSSTDQRQFFINRRPCDPAKVCRLVNEVYHMYNRHQYPFVVLNISVDSEC VDINVTDPKRQILLQEEKLLLAVLKTSLIGMFSDSVNKLNVSSQQPLLDVEGNLIKMHAAADLEKPMV EKQDQSPSLRTGEEKKDVSISRLREAFSLRHTTENKPHSPKTPEPRRSPLGQKRGMLSSSTSGAI SDKGVLRPQKEAVSSSHGPSDPTDRAEVEKDSGHGSTSV DSEGFSIPDTGSHCSSEYAASSPG DRGSQEHVDSQEKAPETDDSFSDVDCHSNQEDTGCKFRVLPQPTNLATPNTKRFKKEEILSSS DICQKLVTQDMSASQVDVAVKINKKVPLDFSMSSLAKRIQLHHEAQQSEGEQNYRKFRAKIC PGENQAAEDEL RKEISKTMFAEMEIGQFNLGFIITKL NEDIFVDQHATDEKYNFEMLQQHTVLQGG RLIAPQTLNLTA VNEAVLIENLEIFRKN GFD FVIDENAPVTERAKLISLPTSKNWTFGPDVDELIFML SDSPGVMC RPSRVKQMFASRACRKSVMIGTALNTSEMKKLITHMGEMDHPWNC PHGRPTMRHI ANLGVISQN
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (77)
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 (Tissue lysate)

PMS2 MaxPab rabbit polyclonal antibody. Western Blot analysis of PMS2 expression in human placenta.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PMS2 expression in transfected 293T cell line ([H00005395-T02](#)) by PMS2 MaxPab polyclonal antibody.

Lane 1: PMS2 transfected lysate(95.80 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — PMS2

Entrez GeneID	5395
GeneBank Accession#	NM_000535
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](#)