



# Anti-PMS1 (aa 26-135) polyclonal antibody (DPAB-DC2286)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a protein belonging to the DNA mismatch repair mutL/hexB family. This protein is thought to be involved in the repair of DNA mismatches, and it can form heterodimers with MLH1, a known DNA mismatch repair protein. Mutations in this gene cause hereditary nonpolyposis colorectal cancer type 3 (HNPCC3) either alone or in combination with mutations in other genes involved in the HNPCC phenotype, which is also known as Lynch syndrome.
<b>Immunogen</b>	PMS1 (NP_000525, 26 a.a. ~ 135 a.a) partial recombinant protein with GST tag. The sequence is  KELIENSLDAGATSVDVKLENYGFDKIEVRDNGEGIKAVDAPVMAMKYYTSKINSHEDLE NLTTYGFRGEALGSICCIAEVLITRTAADNFSTQYVLDGSGHILSQKPS
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

---

<b>Gene Name</b>	<a href="#">PMS1 PMS1 postmeiotic segregation increased 1 (S. cerevisiae) [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	PMS1
<b>Synonyms</b>	PMS1; PMS1 postmeiotic segregation increased 1 (S. cerevisiae); PMSL1; hPMS1; HNPCC3; PMS1 protein homolog 1; mismatch repair gene PMSL1; human homolog of yeast mutL; DNA mismatch repair protein PMS1; rhabdomyosarcoma antigen MU-RMS-40.10B; rhabdomyosarcoma antigen MU-RMS-40.10E;
<b>Entrez Gene ID</b>	<a href="#">5378</a>
<b>Protein Refseq</b>	<a href="#">NP_000525</a>
<b>UniProt ID</b>	<a href="#">P54277</a>
<b>Chromosome Location</b>	2q31.1
<b>Function</b>	ATP binding; ATPase activity; DNA binding; mismatched DNA binding

---