



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

Antigen Description	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.
Immunogen	PMS1 (NP_000525, 26 a.a. ~ 135 a.a) partial recombinant protein with GST tag. The sequence is KELIENSLDAGATSVKLENYGFDKIEVRDNGEGIKAVDAPVMAMKYYTSKINSHEDLE NLTTYGFRGEALGSICCIAEVLITTRTAADNFSTQYVLDGSGHILSQKPS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	PMS1 PMS1 postmeiotic segregation increased 1 (S. cerevisiae) [Homo sapiens (human)]
Official Symbol	PMS1
Synonyms	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;
Entrez Gene ID	5378
Protein Refseq	NP_000525
UniProt ID	P54277
Chromosome Location	2q31.1
Function	ATP binding; ATPase activity; DNA binding; mismatched DNA binding