



Anti-PMS2 polyclonal antibody (DPAB-DC2293)

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

PRODUCT INFORMATION

Antigen Description	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.
Specificity	PMS2 polyclonal antibody detects endogenous levels of PMS2 protein.
Immunogen	A synthetic peptide corresponding to PMS2.
Source/Host	Rat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB (Cell lysate), IHC, IF,
Format	Liquid
Concentration	1 mg/mL
Size	100 µL
Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Preservative	0.05% Sodium Azide
Storage	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	PMS2 PMS2 postmeiotic segregation increased 2 (S. cerevisiae) [Homo sapiens (human)]
Official Symbol	PMS2
Synonyms	PMS2; PMS2 postmeiotic segregation increased 2 (S. cerevisiae); PMSL2; HNPCC4; PMS2CL; mismatch repair endonuclease PMS2; H_DJ0042M02.9; PMS1 protein homolog 2; DNA mismatch repair protein PMS2;
Entrez Gene ID	5395
Protein Refseq	NP_000526
UniProt ID	P54278
Chromosome Location	7p22.2
Pathway	BRCA1-associated genome surveillance complex (BASC); Fanconi anemia pathway;
Function	ATP binding; ATPase activity; DNA binding; contributes_to MutSalpha complex binding