PMS1 polyclonal antibody

Catalog # PAB6213 Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of PMS1.
Immunogen	A synthetic peptide corresponding to human PMS1.
Sequence	C-RPFFHHLTYLPETT
Host	Goat
Theoretical MW (kDa)	106, 101, 86.6
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:32000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PMS1

Entrez GeneID	5378
Protein Accession#	NP_000525.1
Gene Name	PMS1
Gene Alias	DKFZp781M0253, FLJ98259, HNPCC3, PMSL1, hPMS1
Gene Description	PMS1 postmeiotic segregation increased 1 (S. cerevisiae)
Omim ID	600258
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq
Other Designations	human homolog of yeast mutL|mismatch repair gene PMSL1|postmeiotic segregation 1|rhabdomyosarcoma antigen MU-RMS-40.10B|rhabdomyosarcoma antigen MU-RMS-40.10E

Publication Reference

- Mutations of two PMS homologues in hereditary nonpolyposis colon cancer.

  Nicolaides NC, Papadopoulos N, Liu B, Wei YF, Carter KC, Ruben SM, Rosen CA, Haseltine WA, Fleischmann RD, Fraser CM, et al..

  Nature 1994 Sep; 371(6492):75.

Disease

- Adenocarcinoma
- Carcinoma
- Colorectal Neoplasms
- Disease Progression
- Genetic Predisposition to Disease

- Head and Neck Neoplasms
- Hypertension
- Kidney Failure
- Lung carcinoma
- Lung Neoplasms
- Neoplasm Invasiveness
- Neoplasms
- Ovarian cancer
- Ovarian Neoplasms
- Pancreatic cancer
- Pancreatic Neoplasms
- Papillomavirus Infections
- Pulmonary Disease
- Urinary Bladder Neoplasms
- Uterine Cervical Neoplasms
- Werner syndrome