

PMS2

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

Calculated MW: 96kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human PMS2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

PMSL2; HNPCC4; PMS2CL;

Catalog #: A6947

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5395

Isotype: IgG

Swiss Prot: P54278

Purity: Affinity purification

For research use only.

Background:

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.

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