

## PMS2

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**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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