

## MLH1

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IP

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:20 - 1:200 IP 1:20 - 1:50

**Calculated MW:**85kDa

**Observed MW:**Refer to figures

**Immunogen:**

A synthetic Peptide of human MLH1

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

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**Synonym:**

FCC2; COCA2; HNPCC; hMLH1; HNPCC2;

**Catalog #:**A3961

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**4292

**Isotype:**IgG

**Swiss Prot:**P40692

**Purity:**Affinity purification

For research use only.

**Background:**

This gene was identified as a locus frequently mutated in hereditary nonpolyposis colon cancer (HNPCC). It is a human homolog of the E. coli DNA mismatch repair gene mutL, consistent with the characteristic alterations in microsatellite sequences (RER+phenotype) found in HNPCC. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Additional transcript variants have been described, but their full-length natures have not been determined.

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