

**Anti-Human MSH3 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA05133**

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3th Edition

**Description:** The protein encoded by this gene forms a heterodimer with Human, Mouse SH2 to form MutS beta, part of the post-replicative DNA mismatch repair system. MutS beta initiates mismatch repair by binding to a mismatch and then forming a complex with Human, Mouse MSH2L alpha heterodimer. This gene contains a polymorphic 9 bp tandem repeat sequence in the first exon. The repeat is present 6 times in the reference genome sequence and 3-7 repeats have been reported. Defects in this gene are a cause of susceptibility to endometrial cancer.

**Antigen:** Synthesized peptide derived from the N-terminal region of human MSH3

**Form:**

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH 7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1:5000 g/ml.

**Specificity:**