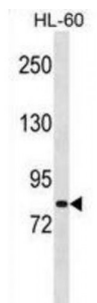


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## MutS Homolog 5 (E. Coli) (MSH5) Antibody

Catalogue No.: abx029163



This gene encodes a member of the mutS family of proteins that are involved in DNA mismatch repair and meiotic recombination. This protein is similar to a *Saccharomyces cerevisiae* protein that participates in segregation fidelity and crossing-over events during meiosis. This protein plays a role in promoting ionizing radiation-induced apoptosis. This protein forms heterooligomers with another member of this family, mutS homolog 4. Polymorphisms in this gene have been linked to various human diseases, including IgA deficiency, common variable immunodeficiency, and premature ovarian failure. Alternative splicing results multiple transcript variants.

**Target:** MSH5

**Reactivity:** Human

**Host:** Rabbit

**Clonality:** Polyclonal

**Tested Applications:** WB

**Recommended dilutions:** Optimal dilutions/concentrations should be determined by the end user.

**Immunogen:** Human MSH5.

**Purification:** Peptide Affinity Purified Rabbit Polyclonal Antibody.

**Isotype:** IgG

**Conjugation:** Unconjugated

**Specificity:** This MSH5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 525-552 amino acids from the Central region of human MSH5.

**Storage:** Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

**Swiss Prot:** [O43196](#)

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**Gene Symbol:** MSH5

**Buffer:** PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Note:** This product is for research use only.