

## Rabbit MSH6 Polyclonal Antibody | anti-MSH6 antibody

MSH6 Polyclonal Antibody

|                               |                       |                                        |                                             |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA177370</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------|

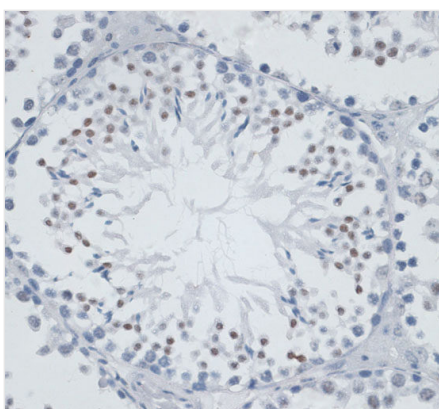
### PRODUCT SYNONYMS

MSH6; Polyclonal Antibody; MSH6 Polyclonal Antibody; GTBP; GTMBP; HNPCC5; HSAP; p160; anti-MSH6 antibody

### PRODUCT SPECIFICATIONS

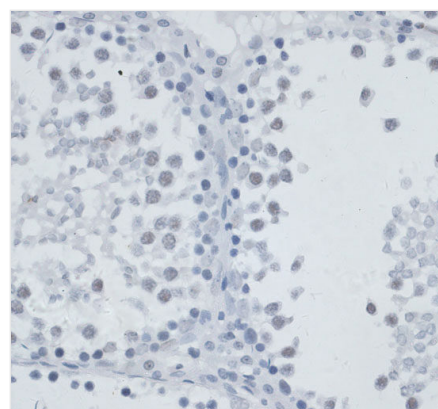
|                                                |                                                       |
|------------------------------------------------|-------------------------------------------------------|
| Host                                           | Rabbit                                                |
| Reactivity                                     | Human, Mouse, Rat                                     |
| Clonality                                      | Polyclonal                                            |
| Isotype                                        | IgG                                                   |
| Purity/Purification                            | Affinity purification                                 |
| Form/Format                                    | PBS with 0.02% sodium azide, 50% glycerol, pH7.3      |
| Concentration                                  | 1mg/mL (varies by lot)                                |
| Applicable Applications for anti-MSH6 antibody | IHC (Immunohistochemistry)                            |
| Immunogen                                      | Recombinant fusion protein of human MSH6 (NP_0001701) |
| Conjugation                                    | Unconjugated                                          |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.      |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse testis using MSH6 Polyclonal Antibody at dilution of 1:100 (40x lens).



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat testis using MSH6 Polyclonal Antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-MSH6 antibody | This gene encodes a member of the DNA mismatch repair MutS family. In E. coli, the MutS protein helps in the recognition of mismatched nucleotides prior to their repair. A highly conserved region of approximately 150 aa, called the Walker-A adenine nucleotide binding motif, exists in MutS homologs. The encoded protein heterodimerizes with MSH2 to form a mismatch recognition complex that functions as a bidirectional molecular switch that exchanges ADP and ATP as DNA mismatches are bound and dissociated. Mutations in this gene may be associated with hereditary nonpolyposis colon cancer, colorectal cancer, and endometrial cancer. Transcripts variants encoding different isoforms have been described. |
| Product Categories/Family for anti-MSH6 antibody   | Cancer; Epigenetics and Nuclear Signaling; Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4504191                                                                                                              |
| NCBI GeneID                      | 2956                                                                                                                 |
| NCBI Accession #                 | NP_000170.1                                                                                                          |
| NCBI GenBank Nucleotide #        | NM_000179.2                                                                                                          |
| UniProt Accession #              | P52701; O43706; O43917; Q8TCX4; Q9BTB5                                                                               |
| Molecular Weight                 | 1360                                                                                                                 |
| NCBI Official Full Name          | DNA mismatch repair protein Msh6 isoform 1                                                                           |
| NCBI Official Synonym Full Names | mutS homolog 6 (E. coli)                                                                                             |
| NCBI Official Symbol             | MSH6                                                                                                                 |
| NCBI Official Synonym Symbols    | GTBP; HSAP; p160; GTMBP; HNPCC5                                                                                      |
| NCBI Protein Information         | DNA mismatch repair protein Msh6; sperm-associated protein; mutS-alpha 160 kDa subunit; G/T mismatch-binding protein |
| UniProt Protein Name             | DNA mismatch repair protein Msh6                                                                                     |
| UniProt Gene Name                | MSH6                                                                                                                 |
| UniProt Synonym Gene Names       | GTBP; hMSH6; GTBP; GTMBP; p160                                                                                       |
| UniProt Entry Name               | MSH6_HUMAN                                                                                                           |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/msh6-antibody-immunohistochemistry-elisa/177370>