

**MSH4 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP56866****Specification**

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**MSH4 Polyclonal Antibody - Product Information**

Application	IHC-P
Primary Accession	<a href="#">O15457</a>
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	104756

**MSH4 Polyclonal Antibody - Additional Information****Gene ID** 4438**Other Names**

MutS protein homolog 4, hMSH4, MSH4

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**MSH4 Polyclonal Antibody - Protein Information****Name** MSH4**Function**

Involved in meiotic recombination. Required for reciprocal recombination and proper segregation of homologous chromosomes at meiosis.

**Cellular Location**

Chromosome {ECO:0000250|UniProtKB:Q99MT2}.

**Tissue Location**

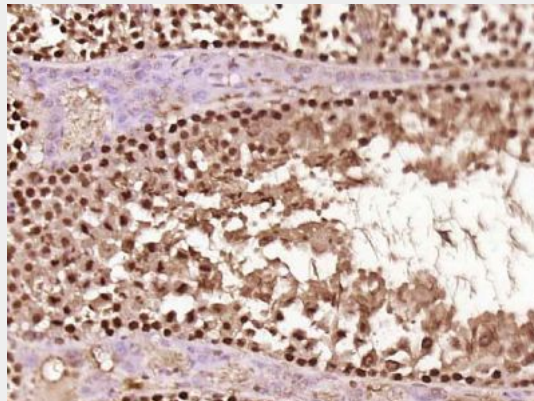
Highly expressed in testis (PubMed:9299235, PubMed:33437391). Also expressed in the ovary (PubMed:9299235)

**MSH4 Polyclonal Antibody - Protocols**

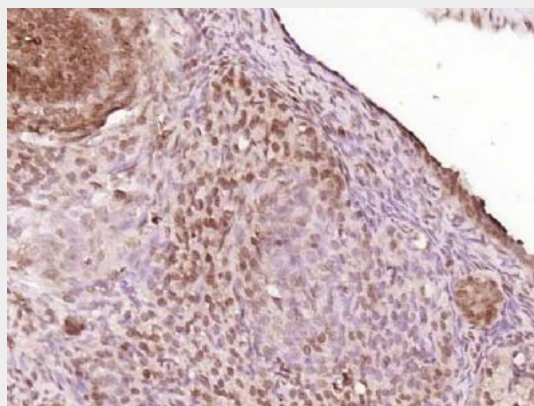
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **MSH4 Polyclonal Antibody - Images**



Paraformaldehyde-fixed, paraffin embedded (Mouse testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (MSH4) Polyclonal Antibody, Unconjugated (bs-17851R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat ovary); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (MSH4) Polyclonal Antibody, Unconjugated (bs-17851R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.