

MSH4 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI11877**Specification**

MSH4 antibody - middle region - Product Information

Application	WB
Primary Accession	O15457
Other Accession	NM_002440 , NP_002431
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Dog
Predicted Host	Mouse, Rat, Rabbit, Chicken, Horse, Bovine
Clonality	Rabbit
Calculated MW	Polyclonal 105kDa KDa

MSH4 antibody - middle region - Additional Information**Gene ID** 4438

Alias Symbol	RED2, ADAR3, MSH4
Other Names	
MutS protein homolog 4, hMSH4, MSH4	

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-MSH4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

MSH4 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

MSH4 antibody - middle region - 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:33437391, PubMed:9299235). Also expressed in the ovary

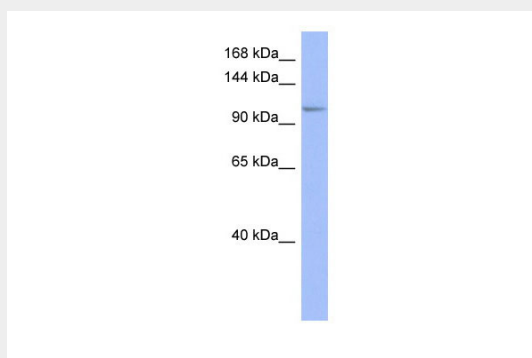
(PubMed:9299235)

MSH4 antibody - middle region - 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 antibody - middle region - Images



WB Suggested Anti-MSH4 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: Human Thymus

MSH4 antibody - middle region - References

Bethke, L., (2008) J. Natl. Cancer Inst. 100 (4), 270-276 Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.