

MSH4 (internal) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2706a**Specification**

MSH4 (internal) Antibody (internal region) - Product Information

Application	E
Primary Accession	O15457
Other Accession	NP_002431.2 , 4438 , 55993 (mouse)
Predicted	Human, Mouse
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	104756

MSH4 (internal) Antibody (internal region) - Additional Information**Gene ID** 4438**Other Names**

MutS protein homolog 4, hMSH4, MSH4

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

MSH4 (internal) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

MSH4 (internal) Antibody (internal 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:9299235, PubMed:33437391). Also expressed in the ovary

(PubMed:9299235)

MSH4 (internal) Antibody (internal 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 (internal) Antibody (internal region) - Images

MSH4 (internal) Antibody (internal region) - References

CRM1-dependent nuclear export and dimerization with hMSH5 contribute to the regulation of hMSH4 subcellular localization. Neyton S, Lespinasse F, Lahaye F, Staccini P, Paquis-Flucklinger V, Santucci-Darmanin S. Exp Cell Res. 2007 Oct 15;313(17):3680-93. Epub 2007 Aug 21. PMID: 17869244