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MSH4 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI11878

Specification

MSH4 antibody - N-terminal region - Product Information

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

MSH4 antibody - N-terminal region - Additional Information

Gene ID 4438

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 - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

MSH4 antibody - N-terminal 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)

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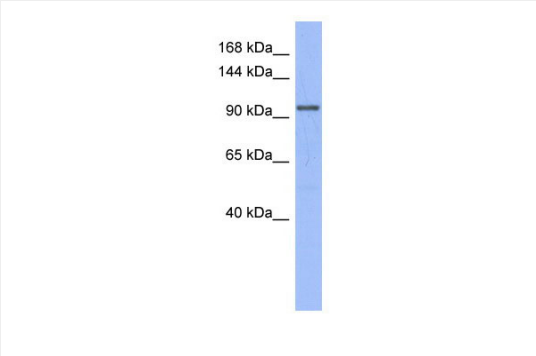
MSH4 antibody - N-terminal region - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MSH4 antibody - N-terminal region - Images



WB Suggested Anti-MSH4 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: PANC1 cell lysate
MSH4 is supported by BioGPS gene expression data to be expressed in PANC1

MSH4 antibody - N-terminal region - References

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