10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MSH4 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11878

Product Information

Application	WB
Primary Accession	O15457
Other Accession	NM_002440, NP_002431
Reactivity	Human, Mouse, Rat, Dog, Horse, Bovine
Predicted	Mouse, Rat, Pig, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	104756

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.

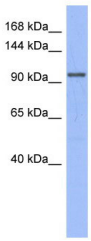
Protein Information

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)

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.

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.