

MSH6 Antibody

Catalog No: #32108



Package Size: #32108-1 50ul #32108-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

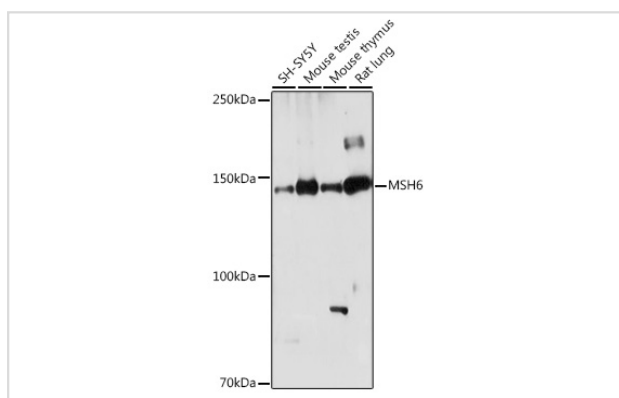
Description

Product Name	MSH6 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total MSH6 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human MSH6 (NP_000170.1).
Target Name	MSH6
Other Names	MSH6;GTBP;GTMBP;HNPCC5;HSAP;p160
Accession No.	Uniprot:P52701GeneID:2956
SDS-PAGE MW	150KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

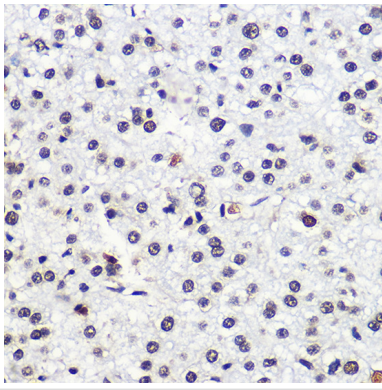
Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200 IF □ 1:20 - 1:100

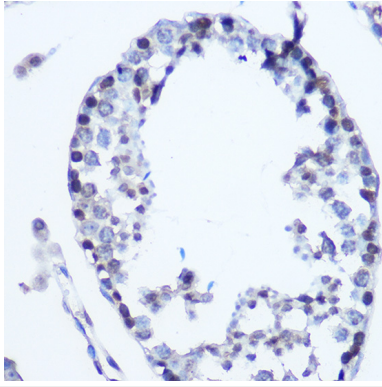
Images



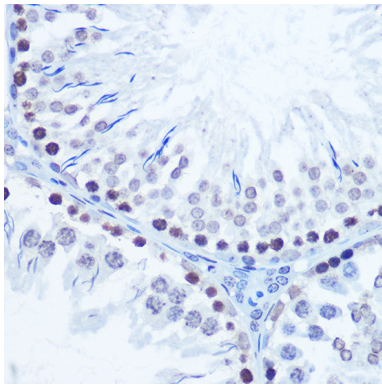
Western blot analysis of extracts of various cell lines, using MSH6 antibody.



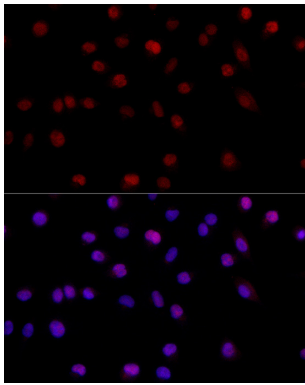
Immunohistochemistry of paraffin-embedded human liver cancer using MSH6 Rabbit pAb.



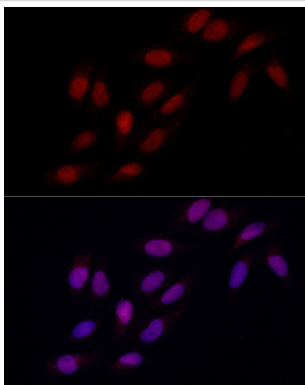
Immunohistochemistry of paraffin-embedded mouse testis using MSH6 Rabbit pAb.



Immunohistochemistry of paraffin-embedded rat testis using MSH6 Rabbit pAb.



Immunofluorescence analysis of A-549 cells using MSH6 Rabbit pAb.



Immunofluorescence analysis of U2OS cells using MSH6 Rabbit pAb.

Background

This gene encodes a member of the DNA mismatch repair MutS family. In *E. coli*, the MutS protein helps in the recognition of mismatched nucleotides prior to their repair. A highly conserved region of approximately 150 aa, called the Walker-A adenine nucleotide binding motif, exists in MutS homologs. The encoded protein heterodimerizes with MSH2 to form a mismatch recognition complex that functions as a bidirectional molecular switch that exchanges ADP and ATP as DNA mismatches are bound and dissociated. Mutations in this gene may be associated with hereditary nonpolyposis colon cancer, colorectal cancer, and endometrial cancer. Transcripts variants encoding different isoforms have been described.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.