

Rabbit MSH6 Polyclonal Antibody | anti-MSH6 antibody

MSH6 antibody - N-terminal region

CATALOG # AAA198872	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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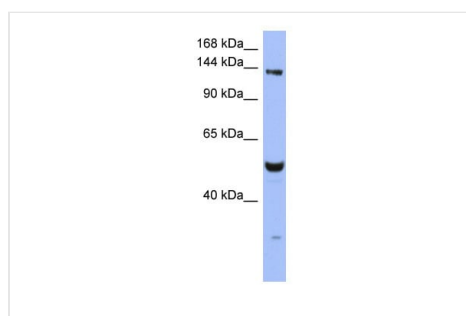
PRODUCT SYNONYMS

MSH6; Polyclonal Antibody; MSH6 antibody - N-terminal region; anti-MSH6 antibody

PRODUCT SPECIFICATIONS

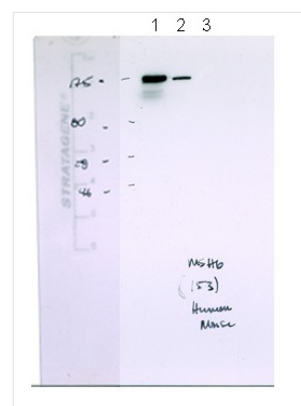
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: IS DSESDIGGSD VEFKPDTKEE GSSDEISSGV GDSSEGLNS PVKVARKR
Sequence Length	1360
Applicable Applications for anti-MSH6 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 86%; Rabbit: 93%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human MSH6
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

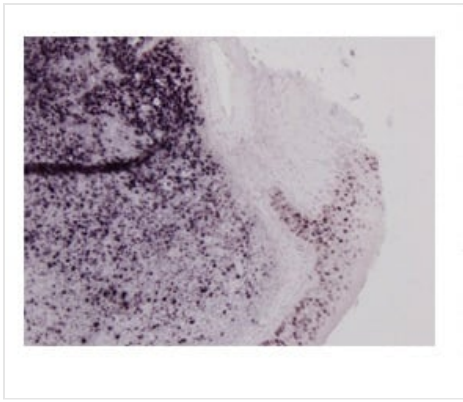

WB (Western Blot)

WB Suggested Anti-MSH6 Antibody Titration: 0.2-1 ug/mL ELISA Titer: 1:62500 Positive

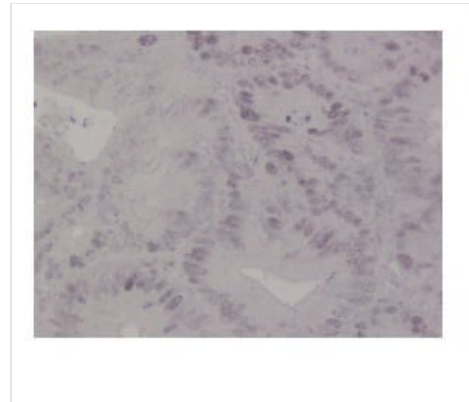
Control: THP-1 cell lysate


WB (Western Blot)

MSH6 antibody - N-terminal region validated by WB using Human B cells and Mouse B cells at 0.8 ug/ml.



IHC (Immunohistochemistry)
Sample Type: Human Tonsil Tissue Primary Dilution: 1ug/mL



IHC (Immunohistochemistry)
Sample Type: Human Colon Cancer Tissue Primary Dilution: 1ug/mL

ADDITIONAL INFORMATION

Related Product Information for anti-MSH6 antibody	This is a rabbit polyclonal antibody against MSH6. It was validated on Western Blot using a cell lysate as a positive control. Target Description: This gene encodes a protein similar to the MutS protein. In <i>E. coli</i>, 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 bind
Product Categories/Family for anti-MSH6 antibody	Polyclonal ; Cell Cycle Proteins ; Chromatin & Nuclear Signaling ; Immunohistochemistry ; DNA Repair

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504191
NCBI GeneID	2956
NCBI Accession #	NP_000170
NCBI GenBank Nucleotide #	NM_000179
UniProt Accession #	P52701
Molecular Weight	153kDa
NCBI Official Full Name	DNA mismatch repair protein Msh6 isoform 1
NCBI Official Synonym Full Names	mutS homolog 6
NCBI Official Symbol	MSH6
NCBI Official Synonym Symbols	GTBP; HSAP; p160; GTMBP; HNPCC5
NCBI Protein Information	DNA mismatch repair protein Msh6
UniProt Protein Name	DNA mismatch repair protein Msh6
UniProt Gene Name	MSH6
UniProt Synonym Gene Names	GTBP; hMSH6; GTBP; GTMBP; p160
UniProt Entry Name	MSH6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.