

Rabbit anti-Human MSH6 Polyclonal Antibody | anti-MSH6 antibody

Anti-MSH6 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254414	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

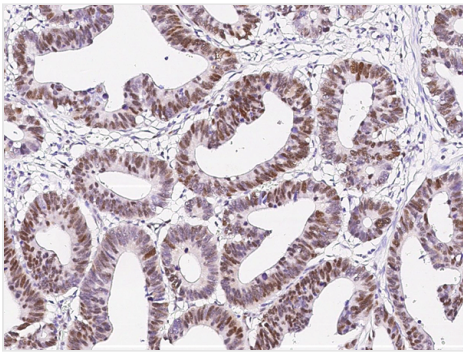
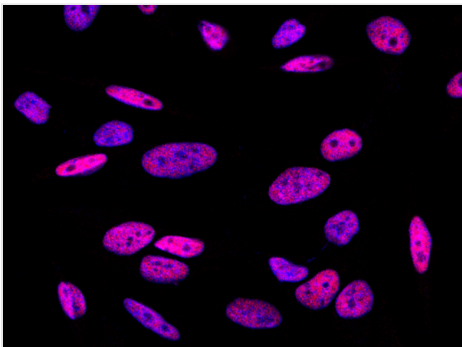
PRODUCT SYNONYMS

MSH6; Polyclonal Antibody; Anti-MSH6 Antibody; Rabbit Polyclonal; MSH6/GTBP Antibody; Rabbit PAb; Antigen Affinity Purified; mutS homolog 6; Anti-GTBP Antibody; Anti-GTMBP Antibody; Anti-HNPCC5 Antibody; Anti-HSAP Antibody; Anti-p160 Antibody; anti-MSH6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human MSH6/GTBP
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-MSH6 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human MSH6/GTBP
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human MSH6/GTBP, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of MSH6 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human MSH6 polyclonal antibody (1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor594-conjugated Goat Anti-rabbit IgG secondary antibody (red) and counterstained with DAPI (blue). Positive staining was localized to nucleus.

IHC (Immunohistochemistry)

Immunochemical staining of human MSH6 in human colon carcinoma with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-MSH6 antibody	MutS homolog 6 (MSH6) is one of the mismatch repair proteins and is encoded by the MSH6 gene, which is located on chromosome 2 and is 23, 806 bp in length, including 10 exons and 83 untranslated regions. MutS homolog 6 (MSH6) is the major mismatch contacting component of the MSH2-MSH6 heterodimeric complex (MutSalpha) that mediates DNA mismatch repair (MMR) of simple mispairs and small insertion-deletion loops in eukaryotes. The MSH6 protein consists of 1, 358 amino acid residues and forms a heterodimer with another mismatch repair protein, MSH2. The MSH2-MSH6 heterodimeric complex can recognize base-base substitution and single-base insertion/deletion mismatches. Germline mutations of MSH6 lead to high susceptibility to glioma, as well as some benign or malignant tumors in other organs. The MSH6 gene is one of the mismatch repair genes involved in Lynch syndrome and its mutations account for 10-20% of Lynch syndrome.
Product Categories/Family for anti-MSH6 antibody	Tumor Suppressors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504191
NCBI GeneID	2956
NCBI Accession #	NP_000170.1
NCBI GenBank Nucleotide #	NM_000179.2
UniProt Accession #	P52701; O43706; O43917; Q8TCX4; Q9BTB5
Molecular Weight	1360
NCBI Official Full Name	DNA mismatch repair protein Msh6 isoform 1
NCBI Official Synonym Full Names	mutS homolog 6 (E. coli)
NCBI Official Symbol	MSH6
NCBI Official Synonym Symbols	GTBP; HSAP; p160; GTMBP; HNPCC5
NCBI Protein Information	DNA mismatch repair protein Msh6; sperm-associated protein; mutS-alpha 160 kDa subunit; G/T mismatch-binding protein
UniProt Protein Name	DNA mismatch repair protein Msh6
UniProt Gene Name	MSH6
UniProt Synonym Gene Names	GTBP; hMSH6; GTBP; GTMBP; p160

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/msh6-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/254414>