

Rabbit anti-Human, Mouse MSH5 Polyclonal Antibody | anti-MSH5 antibody

MSH5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302901	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

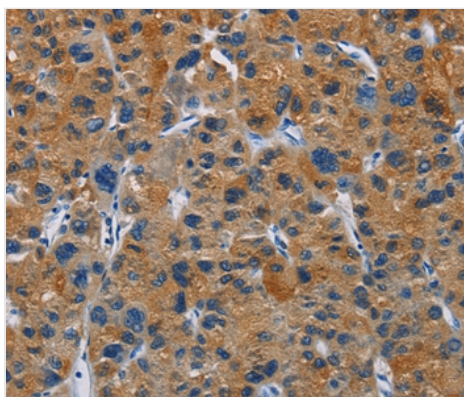
PRODUCT SYNONYMS

MSH5; Polyclonal Antibody; MSH5 Antibody; G7; NG23; MUTSH5; anti-MSH5 antibody

PRODUCT SPECIFICATIONS

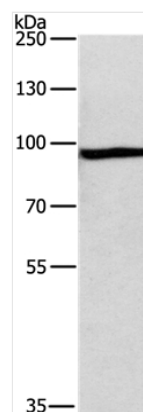
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total MSH5 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1.3 mg/ml (varies by lot)
Sequence Length	834
Applicable Applications for anti-MSH5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human mutS homolog 5
Target Name	MSH5
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using at dilution 1/30.



Application Data

Gel: 6%SDS-PAGE Lysates (from left to right): Mouse bladder tissue Amount of lysate: 40ug per lane Primary antibody: 1/200 dilution Secondary antibody dilution: 1/8000 Exposure time: 30 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-MSH5 antibody	This gene encodes a member of the mutS family of proteins that are involved in DNA mismatch repair and meiotic recombination. This protein is similar to a Saccharomyces cerevisiae protein that participates in segregation fidelity and crossing-over events during meiosis. This protein plays a role in promoting ionizing radiation-induced apoptosis. This protein forms hetero-oligomers with another member of this family, mutS homolog 4. Polymorphisms in this gene have been linked to various human diseases, including IgA deficiency, common variable immunodeficiency, and premature ovarian failure. Alternative splicing results multiple transcript variants.
Product Categories/Family for anti-MSH5 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505253
NCBI GeneID	4439
NCBI Accession #	NP_002432.1
NCBI GenBank Nucleotide #	NM_002441.4
UniProt Accession #	O43196; O60586; Q5BLU9; Q5SSR1; Q8IW44; Q9BQC7; B0V033; B0V034
Molecular Weight	91,862 Da
NCBI Official Full Name	mutS protein homolog 5 isoform c
NCBI Official Synonym Full Names	mutS homolog 5
NCBI Official Symbol	MSH5
NCBI Official Synonym Symbols	G7; NG23; MUTSH5
NCBI Protein Information	mutS protein homolog 5
UniProt Protein Name	MutS protein homolog 5
UniProt Gene Name	MSH5
UniProt Synonym Gene Names	hMSH5
UniProt Entry Name	MSH5_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.