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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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MSH6 polyclonal antibody (A01)

Catalog # : H00002956-A01

規格 : [50 uL]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a partial recombinant MSH6.

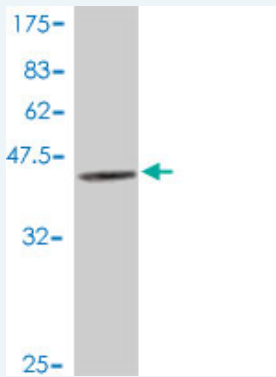
Immunogen: MSH6 (NP_000170, 931 a.a. ~ 1030 a.a) partial recombinant protein with GST tag.

Sequence: AGFDSDYDQALADIRENEQSLLEYLEKQRNRIGCRTIVYWGIGRNRVYQLE IPENFTTRNLPEEYELKSTKKGCKRYWTKTIEKKLANLINAEEERRDVSLK

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37.11 kDa) .

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Recombinant protein)

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [2956](#)

GeneBank Accession#: [NM_000179](#)

Application Image

Western Blot (Recombinant protein)

ELISA

Protein [NP_000170](#)

Accession#:

Gene Name: [MSH6](#)

Gene Alias: [GTBP](#),[HNPCC5](#),[HSAP](#)

Gene [mutS homolog 6 \(E. coli\)](#)

Description:

Omim ID: [600678](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a protein similar to the MutS protein. 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 of this gene combines 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 have been identified in individuals with hereditary nonpolyposis colon cancer (HNPCC) and endometrial cancer. [provided by RefSeq]

Other Designations: [G/T mismatch-binding protein](#),[mutS homolog 6](#),[sperm-associated protein](#)

Gene Pathway

[Colorectal cancer Mismatch repair Pathways in cancer](#)

Related Disease

[Adenocarcinoma](#) [Adenoma](#) [Adenomatous Polyposis Coli Anticipation, Genetic](#) [Ataxia telangiectasia](#) [Breast cancer](#) [Breast Neoplasms](#) [Carcinoma](#) [Carcinoma, Papillary](#) [Chromosomal Instability](#) [Colon cancer](#) [Colonic Neoplasms](#) [Colonic Polyps](#) [Colorectal Neoplasms](#) [Colorectal Neoplasms, Hereditary Nonpolyposis](#) [Cystadenocarcinoma, Serous](#) [Disease Progression](#) [Duodenal Neoplasms](#) [Endometrial Neoplasms](#)

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