

Datasheet

MSH2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog Number: H00004436-D01P

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against a full-length human MSH2 protein.

Immunogen: MSH2 (NP_000242.1, 1 a.a. ~ 934 a.a) full-length human protein.

Sequence:

MAVQPKETLQLESAAEVGFVRFFQGMPEKPTTTVRLF
DRGDFYTAHGEDALLAAREVFKTQGVIKYMGAPAGAKN
LQSVVLSKMNFEFVKDLLLRQYRVEVYKNRAGNKA
SKENDWYLAYKASPGNLSQFEDILFGNNDMSASIGVV
GVKMSAVDGGQRQVGVGYVDSIQRKLGCEFPDNDQF
SNLEALLIQIGPKCEVLPGETAGDMGKLRQIIQRGGILI
TERKKADFSTKDIYQDLNRLKGGKGEQMNSAVLPEM
ENQVAVSSLSAVIKFLELLSDDSNFGQFELTTFDFSQY
MKLDIAAVRALNLFQGSVEDTTGSQSLAALLNKCKTPQ
GQRLVNQWIKQPLMDKNRIEERLNLVEAFVEDAELRQ
TLQEDLLRRFPDLNRLAKKFQRQAANLQDCYRLYQGI
NQLPNVIALEKHEGKHQKLLAVFVPTLTLRSDFSK
FQEMIETTLMDQVENHEFLVKPSFDPNLSELREIMND
LEKKMQSTLISAARDLGLDPGKQIKLDSSAQFGYYFRV
TCKEEKVLRNNKNFSTVDIQKNGVKFTNSKLTSLNEEY
TKNKTEYEEAQDAIVKEIVNISSGYVEPMQTLNDVLAQ
LDAVVSFAHVSNGAPVPYVRPAILEKGQGRIILKASRH
ACVEVQDEIAFIPNDVYFEKDKQMFHITGPNMGGKST
YIRQTGVIVLMAQIGCFVPCESAEVSIVDCILARVGAGD
SQLKGVSTFMAEMLETASILRSATKDSLIIIDELGRGTS
TYDGFGLAWAISEYIATKIGAFCMFATHFHELTALANQI
PTVNNLHVTALTTEETLTMLYQVKKGVCDQSFGIHVAE
LANFPKHVIECAKQKALELEEFQYIGESQGYDIMEPAA
KKCYLEREQGEKIIQEFLSKVKQMPFTEMSEENITIKLK
QLKAEVIAKNNSFVNEIISRIKVTT

Host: Rabbit

Reactivity: Human

Applications: IF, PLA-Ce, WB-Ce, WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: In 1x PBS, pH 7.4

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

Entrez GeneID: 4436

Gene Symbol: MSH2

Gene Alias: COCA1, FCC1, HNPCC, HNPCC1, LCFS2

Gene Summary: MSH2 was identified as a locus frequently mutated in hereditary nonpolyposis colon cancer (HNPCC). When cloned, it was discovered to be a human homolog of the E. coli mismatch repair gene mutS, consistent with the characteristic alterations in microsatellite sequences (RER+ phenotype) found in HNPCC. [provided by RefSeq]