MSH5 蛋白抗体

产品货号： mlR7852

英文名称： MSH5

中文名称： MSH5 蛋白抗体

别　　名： DKFZp434C1615; G7; hMSH5; MGC2939; MSH 5; MSH5; MSH5_HUMAN; mutS (E. coli) homolog 5; mutS homolog 5; mutS homolog 5 (E. coli); MutS protein homolog 5; MutSH5; NG23; OTTHUMP00000029187; OTTHUMP00000029188.

研究领域： 细胞生物　表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Horse, Rabbit, Sheep, Xenopus laevis,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

分 子 量： 93kDa

细胞定位： 细胞核 细胞浆

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human MSH5:421-520/834

亚　　型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20℃. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ℃.

PubMed： PubMed

产品介绍 ： 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. Read-through transcription also exists between this gene and the downstream chromosome 6 open reading frame 26 (C6orf26) gene. [provided by RefSeq, Feb 2011]

Function:

Involved in meiotic recombination. Facilitate crossovers between homologs during meiosis.

Subunit:

Heterooligomer of MSH4 and MSH5. Interacts with HJURP.

Tissue Specificity:

Ubiquitous, but highly expressed in testis, and thymus.

Similarity:

Belongs to the DNA mismatch repair mutS family.

SWISS:

O43196

Gene ID:

4439

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片