6 号染色体开放阅读框抗体

产品货号： mlR17689

英文名称： MMS22L/C6orf167

中文名称： 6 号染色体开放阅读框抗体

别　　名： C6orf167; C6orf167 chromosome 6 open reading frame 167; chromosome 6 open reading frame 167; dJ39B17.2; DKFZp686C20164; DKFZp781C2113; FLJ46180; homologous to yeast Mms22; KIAA1900; Methyl methanesulfonate-sensitivity protein 22-like; MMS22 like, DNA repair protein; Mms22-like protein; MMS22_HUMAN; MMS22L; OTTHUMP00000221009; Protein MMS22-like; Uncharacterized protein C6orf167.

研究领域： 肿瘤　细胞生物　神经生物学　糖尿病　表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Pig, Cow, Rabbit, Sheep,

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 ： 142kDa

细胞定位 ： 细胞核

性　　状 ： Lyophilized or Liquid

浓　　度 ： 1mg/ml

免 疫 原 ： KLH conjugated synthetic peptide derived from human MMS22L/C6orf167:451-550/1243

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 ° C 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° C. 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 ° C.

PubMed : PubMed

产品介绍 : Making up nearly 6% of the human genome, chromosome 6 contains around 1,200 genes within 170 million base pairs of sequence. Deletion of a portion of the q arm of chromosome 6 is associated with early onset intestinal cancer suggesting the presence of a cancer susceptibility locus. Porphyria cutanea tarda is associated with chromosome 6 through the HFE gene which, when mutated, predisposes an individual to developing this porphyria. Notably, the PARK2 gene, which is associated with Parkinson's disease, and the genes encoding the major histocompatiblity complex proteins, which are key molecular components of the immune system and determine predisposition to rheumatic diseases, are also located on chromosome 6. Stickler syndrome, 21-hydroxylase deficiency and maple syrup urine disease are also associated with genes on chromosome 6. A bipolar disorder susceptibility locus has been identified on the q arm of chromosome 6. The C6orf167 gene product has been provisionally designated C6orf167 pending further characterization.

Function:

Component of the MMS22L-TONSL complex, a complex that stimulates the recombination-dependent repair of stalled or collapsed replication forks. The MMS22L-TONSL complex is required to maintain genome integrity during DNA replication by promoting homologous recombination-mediated repair of replication fork-associated double-strand breaks. It may act by mediating the assembly of RAD51 filaments on ssDNA.

Subcellular Location:

Nucleus. Localizes to DNA damage sites, accumulates at stressed replication forks.

Similarity:

Belongs to the MMS22 family. MMS22L subfamily.

SWISS:

Q6ZRQ5

Gene ID:

253714

Important Note:

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