

## 20 号染色体开放阅读框 19 抗体

产品货号： mlR9696

英文名称： C20orf19

中文名称： 20 号染色体开放阅读框 19 抗体

别名： DKFZP586H021; HT013; KIZUNA; MGC102941; MGC141930; Uncharacterized protein C20orf19;  
KIZ\_HUMAN.

研究领域： 细胞生物 免疫学 发育生物学 神经生物学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Pig, Horse, Rabbit,

产品应用： WB=1:500-2000 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： 75kDa

细胞定位： 细胞浆

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human KIZUNA/C20orf19:1-100/673

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 : Representing about 2% of human DNA, chromosome 20 consists of approximately 63 million bases and 600 genes. Chromosome 20 contains a region with numerous genes expressed in the epididymis, which are thought important for seminal production, and some viewed as potential targets for male contraception. The PRNP gene encoding the prion protein associated with spongiform encephalopathies, like Creutzfeldt-Jakob disease, is found on chromosome 20. Amyotrophic lateral sclerosis, spinal muscular atrophy, ring chromosome 20 epilepsy syndrome and Alagille syndrome are also associated with chromosome 20. The C20orf19 gene product has been provisionally designated C20orf19 pending further characterization.

**Function:**

Centrosomal protein required for establishing a robust mitotic centrosome architecture that can endure the forces that converge on the centrosomes during spindle formation. Required for stabilizing the expanded pericentriolar material around the centriole.

**Subunit:**

Interacts with AKAP9, CEP72, ODF2, PCNT and TUBGCP2.

**Subcellular Location:**

Cytoplasm, cytoskeleton, **centrosome**. Note=Localizes to centrosomes throughout the cell cycle. After centrosome duplication, it usually remains associated only with the mother centrosome, containing the older mature centriole and particles surrounding it. During prophase, additional particles accumulate around both separating

centrosomes. Does not accumulate at the microtubule minus ends, but instead localizes to the centrosomes and centrosome-surrounding area in a microtubule-independent and dependent manner, respectively.

**Post-translational modifications:**

Phosphorylation at Thr-379 by PLK1 is not needed for centrosomal localization or pericentriolar material expansion but is indispensable for spindle-pole stabilization.

**Similarity:**

Belongs to the kizuna family.

**SWISS:**

Q2M2Z5

**Gene ID:**

55857

**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

