

## 1 号染色体开放阅读框 67 抗体

产品货号： mlR9788

英文名称： C1orf67

中文名称： 1 号染色体开放阅读框 67 抗体

别名： Chromosome 1 open reading frame 67; Coiled coil domain containing protein C1orf67;  
Hypothetical protein LOC200095; MGC149665; MGC149666; MGC27277; MGC51214; DYH14\_HUMAN.

研究领域： 细胞生物 免疫学 发育生物学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:50-200 (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：400kDa

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 C1orf67/DNAH14:201-300/3507

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 background：

Dyneins are multisubunit, high molecular weight ATPases that interact with microtubules to generate force by converting the chemical energy of ATP into the mechanical energy of movement. Cytoplasmic or axonemal Dynein heavy, intermediate, light and light-intermediate chains are all components of minus end-directed motors; the complex transports cellular cargos towards the central region of the cell. Axonemal dynein motors contain one to three non-identical heavy chains and cause a sliding of microtubules in the axonemes of cilia and flagella in a mechanism necessary for cilia to beat and propel the cell. DNAH14 (dynein, axonemal, heavy chain 14), also known as C1orf67 or HL18, is a 3,507 amino acid member of the dynein heavy chain protein family. DNAH14 is one of the force generating protein of respiratory cilia and may be involved in sperm motility through sperm flagellar assembly.

**Function:**

Force generating protein of respiratory cilia. Produces force towards the minus ends of microtubules. Dynein has ATPase activity; the force-producing power stroke is thought to occur on release of ADP. Involved in sperm motility; implicated in sperm flagellar assembly (By similarity).

**Subunit:**

Consists of at least two heavy chains and a number of intermediate and light chains.

**Subcellular Location:**

Cytoplasm, cytoskeleton, cilium axoneme (Potential).

**Similarity:**

Belongs to the dynein heavy chain family.

**SWISS:**

Q0VDD8



**Gene ID:**

200095

**Important Note:**

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