

## 驱动蛋白家族成员 22 抗体

产品货号： mlR17049

英文名称： KIF22

中文名称： 驱动蛋白家族成员 22 抗体

别名： A 328A3.2; KID; KIF 22; kif22; KIF22\_HUMAN; Kinesin family member 22; Kinesin like 4; Kinesin like DNA binding protein; Kinesin like DNA binding protein pseudogene; Kinesin like protein 4; Kinesin like protein KIF22; Kinesin-like DNA-binding protein; Kinesin-like protein 4; Kinesin-like protein KIF22; KNSL 4; KNSL4; OBP 1; OBP 2; OBP; OBP1; OBP2; Origin of plasmid DNA replication binding protein; OriP binding protein; OTTHUMP00000123406.

研究领域： 细胞生物 信号转导

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Pig, Cow, Horse, Zebrafish, 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： 73kDa

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 KIF22:221-320/665

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** The protein encoded by this gene is a member of the kinesin-like protein family. The family members are microtubule-dependent molecular motors that transport organelles within cells and move chromosomes during cell division. The C-terminal half of this protein has been shown to bind DNA. Studies with the *Xenopus* homolog suggests its essential role in metaphase chromosome alignment and maintenance. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]

**Function:**

Kinesin family that is involved in spindle formation and the movements of chromosomes during mitosis and meiosis. Binds to microtubules and to DNA.

**Subcellular Location:**

Nucleus. Cytoplasm; cytoskeleton.

**Post-translational modifications:**

Ubiquitinated; mediated by SIAH1 and leading to its subsequent proteasomal degradation.

**Similarity:**

Belongs to the kinesin-like protein family.

Contains 1 kinesin-motor domain.

**SWISS:**

Q14807

**Gene ID:**

3835

**Important Note:**

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