

## 驱动蛋白家族成员 18A 抗体

产品货号： mlR17042

英文名称： KIF18A

中文名称： 驱动蛋白家族成员 18A 抗体

别名： AU024633; B130001M12Rik; DKFZp434G2226; KI18A\_HUMAN; KIF 18A; KIF18A; kinesin family member 18A; Kinesin like protein KIF18A; Kinesin-like protein KIF18A; Marrow stromal KIF18A; MGC27627; MS KIF18A; MS-KIF18A; RGD1561740; RP23 206C1.1.

研究领域： 细胞生物 免疫学 信号转导

抗体来源： Rabbit

克隆类型： Polyclonal

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

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 : 102kDa

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 KIF18A:151-250/398

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** KIF18A is a 898 amino acid protein that contains one kinesin-motor domain, which is responsible for the ATP-dependent movement of KIF18A across microtubules. KIF18A plays a role in chromosome congression by reducing the amplitude of preanaphase oscillations and slowing poleward movement during anaphase, thus suppressing chromosome movements. Expression of KIF18A is induced by estrogen.

**Function:**

Microtubule-depolymerizing kinesin which plays a role in chromosome congression by reducing the amplitude of preanaphase oscillations and slowing poleward movement during anaphase, thus suppressing chromosome movements. May stabilize the CENPE-BUB1B complex at the kinetochores during early mitosis and maintains CENPE levels at kinetochores during chromosome congression.

**Subcellular Location:**

Cell projection > ruffle. Cytoplasm. Nucleus. Cytoplasm > cytoskeleton > centrosome.

**Post-translational modifications:**

Glycosylated.

Ubiquitinated.

**Similarity:**

Belongs to the kinesin-like protein family.

Contains 1 kinesin-motor domain.

**SWISS:**

Q8NI77

**Gene ID:**

81930

**Important Note:**

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