驱动蛋白家族成员 16B 抗体

产品货号： mlR17041

英文名称： KIF16B

中文名称： 驱动蛋白家族成员 16B 抗体

别　　名： Chromosome 20 open reading frame 23; Kinesin like motor protein C20orf23; SNX23; KI16B_HUMAN; Sorting nexin 23.

研究领域： 细胞生物　免疫学　信号转导　细胞类型标志物

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, 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： 152kDa

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 KIF16B:1-100/1317

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 KIF16B belongs to the kinesin like protein family. It may be involved in several stages of intracellular trafficking and is a probable microtubule dependent motor protein.

Function:

Plus end-directed microtubule-dependent motor protein involved in endosome transport and receptor recycling and degradation. Regulates the plus end motility of early endosomes and the balance between recycling and degradation of receptors such as EGF receptor (EGFR) and FGF receptor (FGFR). Regulates the Golgi to endosome transport of FGFR-containing vesicles during early development, a key process for developing basement membrane and epiblast and primitive endoderm lineages during early postimplantation development.

Subunit:

Interacts with RAB14 (By similarity). Interacts with PTPN21.

Subcellular Location:

Cytoplasm, cytoskeleton {ECO:0000305}. Early endosome membrane. Note=It is unclear whether association with endosomes is mediated via phosphatidylinositol 3-phosphate (PtdIns(3)P)-binding or via its interaction with RAB14.

Tissue Specificity:

Primarily expressed in brain. Also present in kidney, liver, intestine, placenta, leukocytes, heart and skeletal muscle (at protein level).

Post-translational modifications:

Isoform 4 is ubiquitinated at Lys-685.

Similarity:

Belongs to the TRAFAC class myosin-kinesin ATPase superfamily. Kinesin family.

Contains 1 FHA domain. {ECO:0000305}.

Contains 1 kinesin motor domain.

Contains 1 PX (phox homology) domain.

SWISS:

Q96L93

Gene ID:

55614

Important Note:

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