驱动蛋白家族成员 3C 抗体

产品货号： mlR17056

英文名称： KIF3C

中文名称： 驱动蛋白家族成员 3C 抗体

别　　名： KIAA4058; KIF3C; KIF3C variant protein; KIF3C_HUMAN; Kinesin family member 3C; Kinesin like protein KIF3C; Kinesin-like protein KIF3C; mKIAA4058.

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, Dog, Pig, Cow, Sheep,

产品应用： 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： 89kDa

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 KIF3C:171-270/793

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 kinesins constitute a large family of microtubule-dependent motor proteins, which are responsible for the distribution of numerous organelles, vesicles and macromolecular complexes throughout the cell (1-3). Individual kinesin members play crucial roles in cell division, intracellular transport and membrane trafficking events including endocytosis and transcytosis (3,4). Members of the heterotrimeric kinesin II family of microtubule associated motors generally contain two different motor subunits from the KIF3 family, which includes KIF3A, B and C (5). KIF3 isoforms mediate anterograde transport of membrane bound organelles in neurons and melanosomes, transport between the endoplasmic reticulum and the Golgi, and transport of protein complexes within cilia and flagella required for their morphogenesis (6). The human KIF3C gene maps to chromosome 2p23 and encodes a 793 amino acid protein that is highly expressed in neural tissues such as brain, spinal cord and retina (7,8). The selective expression of KIF3C protein in the nervous system during embryonic development and its upregulation during neuroblastoma differentiation suggests a role for this motor during maturation of neuronal cells (9).

Function:

Microtubule-based anterograde translocator for membranous organelles.

Subcellular Location:

Cytoplasm; cytoskeleton.

Similarity:

Belongs to the kinesin-like protein family. Kinesin II subfamily.

Contains 1 kinesin-motor domain.

SWISS:

O14782

Gene ID:

3797

Important Note:

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