中心体蛋白 135 抗体

产品货号： mlR12282

英文名称： CEP135

中文名称： 中心体蛋白 135 抗体

别　　名： centrosomal protein 135 kDa; centrosomal protein 135kDa; Centrosomal protein 4; Centrosomal protein of 135 kDa; centrosome protein 4; centrosome protein cep135; Cep135; Cep135; CEP4; CP135_HUMAN.

研究领域： 细胞生物　细胞类型标志物

抗体来源： Rabbit

克隆类型： Polyclonal

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

产品应用： WB=1:500-2000 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： 133kDa

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 CEP135:1001-1100/1140

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： Centrosomal protein involved in centriole biogenesis. Acts as a scaffolding protein during early centriole biogenesis. Also required for centriole-centriole cohesion during interphase by acting as a platform protein for CEP250 at the centriole.

Function:

Centrosomal protein involved in centriole biogenesis. Acts as a scaffolding protein during early centriole biogenesis. Also required for centriole-centriole cohesion during interphase by acting as a platform protein for CEP250 at the centriole.

Subunit:

Interacts with DCTN2 (By similarity). Interacts with CEP250.

Subcellular Location:

Cytoplasm, cytoskeleton, centrosome, centriole. Note=During centriole biogenesis, it is concentrated within the proximal lumen of both parental centrioles and procentrioles.

DISEASE:

Defects in CEP135 are the cause of microcephaly, primary, type 8 (MCPH8) [MIM:614673]. MCPH8 is a disease defined as a head circumference more than 3 standard deviations below the age-related mean. Brain weight is markedly reduced and the cerebral cortex is disproportionately small. Despite this marked reduction in size, the gyral pattern is relatively well preserved, with no major abnormality in cortical architecture. Affected individuals are mentally retarded. Primary microcephaly is further defined by the absence of other syndromic features or significant neurological deficits due to degenerative brain disorder.

Similarity:

Belongs to the CEP135/TSGA10 family.

SWISS:

Q66GS9

Gene ID:

9662

Important Note:

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

产品图片