产品名称: ASPM Rabbit Polyclonal Antibody

产品货号: APRab07228



## 产品概述 (Summary)

产品名称 (Production Name) ASPM Rabbit Polyclonal Antibody

描述 (Description) Rabbit polyclonal Antibody

宿主 (Host) Rabbit 应用 (Application) IHC,ICC/IF

种属反应性 (Reactivity) Human, Rat, Mouse

# 产品性能 (Performance)

偶联物 (Conjugation)Unconjugated修饰 (Modification)Unmodified

同种型 (Isotype) IgG

克隆 (Clonality) Polyclonal 形式 (Form) Liquid

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid 存放说明 (Storage)

freeze/thaw cycles.

储存溶液 (Buffer) Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.

纯化方式 (Purification) Affinity purification

## 免疫原信息 (Immunogen)

基因名 (Gene Name) ASPM MCPH5 基因 ID (Gene ID) 259266.0

Q8IZT6.Synthesized peptide derived from human protein . at AA range: 1230-蛋白 ID(SwissProt ID)

1310

## 产品应用 (Application)

稀释比 (Dilution Ratio) IHC 1:50-1:300,ICC/IF 1:50-1:200

蛋白分子量 (Molecular Weight) 382kDa

# 研究背景 (Background)

This gene is the human ortholog of the Drosophila melanogaster & apos; abnormal spindle & apos; gene (asp), which is

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essential for normal mitotic spindle function in embryonic neuroblasts. Studies in mouse also suggest a role of this gene in mitotic spindle regulation, with a preferential role in regulating neurogenesis. Mutations in this gene are associated with microcephaly primary type 5. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2011], disease:Defects in ASPM are the cause of microcephaly primary type 5 (MCPH5) [MIM:608716]; also known as true microcephaly or microcephaly vera. Microcephaly is 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. Primary microcephaly is further defined by the absence of other syndromic features or significant neurological deficits. This entity is inherited as autosomal recessive trait, function:Probable role in mitotic spindle regulation and coordination of mitotic processes (By similarity). May have a preferential role in regulating neurogenesis, similarity:Contains 2 CH (calponin-homology) domains, similarity:Contains 39 IQ domains, subcellular location:The nuclear-cytoplasmic distribution could be regulated by the availability of calmodulin.

#### 研究领域 (Research Area)

## 图片 (Image Data)



# 注意事项 (Note)

For research use only.

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