中心体蛋白 AZI1 抗体

产品货号： mlR15977

英文名称： AZI1

中文名称： 中心体蛋白 AZI1 抗体

别　　名： 5 azacytidine induced 1; 5-azacytidine induced 1; 5-azacytidine-induced protein 1; AZ1; Azi; Azi1; AZI1_HUMAN; Centrosomal protein 131 kDa; Centrosomal protein of 131 kDa; Centrosomal protein of 131 kDa; Cep131; Cep131; KIAA1118; OTTMUSP00000004498; Pre-acrosome localization protein 1; RP23 37J21.1.

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, Chicken, Pig, Cow, Horse, 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： 122kDa

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 AZI1:631-730/1083

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： AZI1 is a 1,083 amino acid protein that may play a role in spermatogenesis. AZI1 is most highly expressed in spinal cord, followed by testis, ovary, amygdala, cerebellum and thalamus. Low expression is present in other adult and fetal tissues and specific adult brain regions. AZI1 gene transcription begins in pachytene spermatocytes and expression of the gene is induced in cultivated fibroblasts on treatment with 5-azacytidine, which is known to lead to the demethylation of genomic DNA. The AZI1 gene is conserved in dog, cow, mouse, rat, chicken, and zebrafish, and exists as two alternatively spliced isoforms. AZI1 contains one IQ domain, and the gene that encodes it maps to human chromosome 17q25.3. Chromosome 17 makes up over 2.5% of the human genome with about 81 million bases encoding over 1,200 genes. Alexander disease, Birt-Hogg-Dube syndrome and Canavan disease are also associated with chromosome 17.

Function:

May play a role in spermatogenesis.

Subcellular Location:

Cytoplasm > cytoskeleton > centrosome.

Post-translational modifications:

Phosphorylated upon DNA damage, probably by ATM or ATR.

Similarity:

Contains 1 IQ domain.

SWISS:

Q9UPN4

Gene ID:

22994

Important Note:

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

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