精子 3-磷酸甘油醛脱氢酶-2 抗体

产品货号： mlR13282

英文名称： GAPDHS

中文名称： 精子 3-磷酸甘油醛脱氢酶-2 抗体

别　　名： GAPDH2; GAPD2; GAPDH 2; GAPDH 2; GAPDHS; GAPDS; Glyceraldehyde 3 phosphate dehydrogenase spermatogenic; Glyceraldehyde 3 phosphate dehydrogenase, testis specific; HSD 35; HSD35; Spermatogenic cell specific glyceraldehyde 3 phosphate dehydrogenase 2; Spermatogenic glyceraldehyde 3 phosphate dehydrogenase; G3PT_HUMAN; HSD-35.

研究领域： 肿瘤　细胞生物　信号转导　细胞凋亡　新陈代谢

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Cow, Horse, 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： 45kDa

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 GAPDHS:251-350/408

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： This gene encodes a protein belonging to theglyceraldehyde-3-phosphate dehydrogenase family of enzymes thatplay an important role in carbohydrate metabolism. Like its somaticcell counterpart, this sperm-specific enzyme functions in anicotinamide adenine dinucleotide-dependent manner to removehydrogen and add phosphate to glyceraldehyde 3-phosphate to form1,3-diphosphoglycerate. During spermiogenesis, this enzyme may playan important role in regulating the switch between differentenergy-producing pathways, and it is required for sperm motilityand male fertility. [provided by RefSeq, Jul 2008].

Function:

May play an important role in regulating the switch between different pathways for energy production during spermiogenesis and in the spermatozoon. Required for sperm motility and male fertility.

Subunit:

Homotetramer. Interacts with ARRB2; the interaction isdetected in the nucleus upon OR1D2 stimulation.

Subcellular Location:

Cytoplasm.

Tissue Specificity:

Testis specific.

Similarity:

Belongs to the glyceraldehyde-3-phosphatedehydrogenase family.

SWISS:

O14556

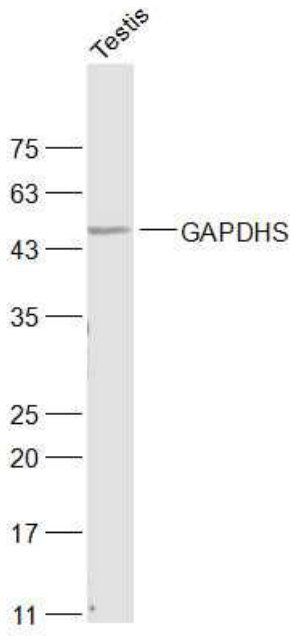
Gene ID:

26330

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


Testis
75
63
43
35
25
20
17
11
GAPDHS