法尼基二磷酸合酶 1 抗体

产品货号： mlR8039

英文名称： GGPS1

中文名称： 法尼基二磷酸合酶 1 抗体

别　　名： (2E antibody 6E)-farnesyl diphosphate synthase; Dimethylallyltranstransferase; Farnesyl diphosphate synthase; Farnesyltranstransferase; Geranylgeranyl diphosphate synthase 1; Geranylgeranyl diphosphate synthase; Geranylgeranyl pyrophosphate synthase; Geranylgeranyl pyrophosphate synthetase; Geranyltranstransferase; GGPP synthase; GGPP synthetase; GGPPS; GGPPS_HUMAN; GGPPS1; GGPPSase; GGPS1.

研究领域： 肿瘤　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, Horse, Rabbit,

产品应用： WB=1:500-1000 ELISA=1:500-1000

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量： 35kDa

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 GGPS1:30-100/300

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 is a member of the prenyltransferase family and encodes a protein with geranylgeranyl diphosphate (GGPP) synthase activity. The enzyme catalyzes the synthesis of GGPP from farnesyl diphosphate and isopentenyl diphosphate. GGPP is an important molecule responsible for the C20-prenylation of proteins and for the regulation of a nuclear hormone receptor. Alternate transcriptional splice variants, both protein-coding and non-protein-coding, have been found for this gene. [provided by RefSeq, Sep 2010].

Function:

Catalyzes the trans-addition of the three molecules of IPP onto DMAPP to form geranylgeranyl pyrophosphate, an important precursor of carotenoids and geranylated proteins.

Subunit:

Homohexamer; trimer of homodimers

Subcellular Location:

Cytoplasm.

Similarity:

Abundantly expressed in testis. Found in other tissues to a lower extent.

Belongs to the FPP/GGPP synthase family.

SWISS:

O95749

Gene ID:

9453

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