肌醇单磷酸酶 IMPA3 抗体

产品货号： mlR6248

英文名称： IMPAD1

中文名称： 肌醇单磷酸酶 IMPA3 抗体

别　　名： IMP 3; IMPA3; IMPase 3; Inositol monophosphatase domain containing protein 1; Myo inositol monophosphatase A3.

研究领域： 肿瘤　心血管　信号转导

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Sheep,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 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： 39kDa

细胞定位： 细胞浆 细胞膜

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human IMPAD1:81-180/359

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 background:

This gene encodes a member of the inositol monophosphatase family. The encoded protein is localized to the Golgi apparatus and catalyzes the hydrolysis of phosphoadenosine phosphate (PAP) to adenosine monophosphate (AMP). Mutations in this gene are a cause of GRAPP type chondrodysplasia with joint dislocations, and a pseudogene of this gene is located on the long arm of chromosome 1.

Function:

May play a role in the formation of skeletal elements derived through endochondral ossification, possibly by clearing adenosine 3',5'-bisphosphate produced by Golgi sulfotransferases during glycosaminoglycan sulfation

Subcellular Location:

Golgi apparatus, trans-Golgi network membrane; Single-pass type II membrane protein.

Post-translational modifications:

Contains N-linked glycan resistant to endoglycosydase H.

DISEASE:

Defects in IMPAD1 are the cause of chondrodysplasia with joint dislocations GPAPP type (CDP-GPAPP) [MIM:614078]. A condition consisting of congenital joint dislocations, chondrodysplasia with short stature, micrognathia and cleft palate, and a distinctive face.

Similarity:

Belongs to the inositol monophosphatase family.

SWISS:

Q9NX62

Gene ID:

54928

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 ：