

NUDT14 蛋白抗体

产品货号： mlR19511

英文名称： NUDT14

中文名称： NUDT14 蛋白抗体

别 名： Nucleoside diphosphate linked moiety X type motif 14; Nucleoside diphosphate-linked moiety X motif 14; NUD14_HUMAN; Nudix (nucleoside diphosphate linked moiety X) type motif 14; Nudix motif 14; NUDT14; UDP sugar diphosphatase; UDPG pyrophosphatase; UGPP; UGPPase; Uridine diphosphate glucose pyrophosphatase.

研究领域： 细胞生物 免疫学 信号转导

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Cow, Horse, Sheep, Guinea Pig,

产品应用： 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： 24kDa

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 NUDT14:1-100/222

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： UDP-glucose (UDPG) acts as the sugar donor in numerous glycosylation reactions, including those involved in the production of glycogen. NUDT14 is a UDPG pyrophosphatase (EC 3.6.1.45) that hydrolyzes UDPG to produce glucose 1-phosphate and UMP (Yagi et al., 2003 [PubMed 12429023]).[supplied by OMIM, Mar 2008]

Function:

Hydrolyzes UDP-glucose to glucose 1-phosphate and UMP and ADP-ribose to ribose 5-phosphate and AMP. The physiological substrate is probably UDP-glucose. Poor activity on other substrates such as ADP-glucose, CDP-glucose, GDP-glucose and GDP-mannose.

Subcellular Location:

Cytoplasm.

Similarity:

Belongs to the Nudix hydrolase family.

Contains 1 nudix hydrolase domain.

SWISS:

O95848

Gene ID:

256281

Important Note:

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