

NUDT5 蛋白抗体

产品货号： mIR19521

英文名称： NUDT5

中文名称： NUDT5 蛋白抗体

别 名： ADP sugar pyrophosphatase; ADP-sugar pyrophosphatase; hYSAH 1; hYSAH1; Nucleoside diphosphate linked moiety X motif 5; Nucleoside diphosphate linked moiety X type motif 5; Nucleoside diphosphate-linked moiety X motif 5; Nudix (nucleoside diphosphate linked moiety X) type motif 5; Nudix motif 5; Nudix type motif 5; NUDT 5; Nudt5; NUDT5_HUMAN; YSA1; YSA1H.

研究领域： 细胞生物 信号转导 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

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： 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 NUDT5:1-80/219

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 belongs to the Nudix (nucleoside diphosphate linked moiety X) hydrolase superfamily. The encoded enzyme catalyzes the hydrolysis of modified nucleoside diphosphates, including ADP-ribose (ADPR) and 8-oxoGua-containing 8-oxo-dADP and 8-oxo-dGDP. Protein-bound ADP ribose can be hazardous to the cell because it can modify some amino acid residues, resulting in the inhibition of ATP-activated potassium channels. 8-oxoGua is an oxidized form of guanine that can potentially alter genetic information by pairing with adenine and cytosine in RNA. Presence of 8-oxoGua in RNA results in formation of abnormal proteins due to translational errors. [provided by RefSeq, Aug 2013]

Function:

Hydrolyzes with similar activities ADP-ribose, ADP-mannose, and ADP-glucose. Can also hydrolyze other nucleotide sugars with low activity.

Tissue Specificity:

Widely expressed. Most abundant in liver.

Similarity:

Belongs to the Nudix hydrolase family.

Contains 1 nudix hydrolase domain.

SWISS:

Q9UKK9

Gene ID:

11164

Important Note:

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