

NUDT16 蛋白抗体

产品货号： mlR19512

英文名称： NUDT16

中文名称： NUDT16 蛋白抗体

别名： FLJ31265; FLJ34034; FLJ36248; Nucleoside diphosphate-linked moiety X motif 16; NUD16_HUMAN; Nudix (nucleoside diphosphate linked moiety X) type motif 16; Nudix motif 16; NUDT 16; NUDT16; U8 snoRNA-binding protein H29K; U8 snoRNA-decapping enzyme.

研究领域： 转录调节因子 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Rat,

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： 22kDa

细胞定位： 细胞核

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human NUDT16:51-150/195

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： NUDT16 (Nudix Hydrolase 16) is a Protein Coding gene. Among its related pathways are Metabolism and Purine metabolism (KEGG). GO annotations related to this gene include protein homodimerization activity and hydrolase activity. An important paralog of this gene is NUDT16L1.

Function:

RNA-decapping enzyme that binds specifically to U8 snoRNA. Part of the U8 snoRNP complex that is required for the accumulation of mature 5.8S and 28S rRNA. Has diphosphatase activity and removes m7G and m227G caps from U8 snoRNA. Has broad substrate specificity with manganese or cobalt as cofactor and can act on various RNA species (in vitro).

Subcellular Location:

Nucleus > nucleolus. Nucleus > nucleoplasm. Predominantly localized in nucleolus, and in a minor proportion in distinct foci in the nucleoplasm.

Similarity:

Belongs to the Nudix hydrolase family.

Contains 1 nudix hydrolase domain.

SWISS:

Q96DE0

Gene ID:

131870

Important Note:

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