

NUDT4 蛋白抗体

产品货号： mlR19520

英文名称： NUDT4

中文名称： NUDT4 蛋白抗体

别 名： Diphosphoinositol polyphosphate phosphohydrolase 2; Diphosphoinositol polyphosphate phosphohydrolase type 2; DIPP 2; DIPP2; DIPP2alpha; DIPP2beta; DKFZp686I1281; HDCMB47P; KIAA0487; Nucleoside diphosphate linked moiety X motif 4; Nudix (nucleoside diphosphate linked moiety X) type motif 4; Nudix motif 4; Nudix type motif 4; NUDT 4.

研究领域： 细胞生物 信号转导

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： 20kDa

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 NUDT4:101-180/180

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 : The protein encoded by this gene regulates the turnover of diphosphoinositol polyphosphates. The turnover of these high-energy diphosphoinositol polyphosphates represents a molecular switching activity with important regulatory consequences. Molecular switching by diphosphoinositol polyphosphates may contribute to regulating intracellular trafficking. Several alternatively spliced transcript variants have been described, but the full-length nature of some variants has not been determined. Isoforms DIPP2alpha and DIPP2beta are distinguishable from each other solely by DIPP2beta possessing one additional amino acid due to intron boundary skidding in alternate splicing. [provided by RefSeq, Jul 2008]

Function:

NUDT4 (Nudix (nucleoside diphosphate linked moiety X)-type motif 4) is a member of the DIPP subfamily of Nudix proteins which hydrolyze specific diphosphoinositol polyphosphates and diadenosine polyphosphates. NUDT4 cleaves a beta-phosphate from the diphosphate groups in PP-InsP5 (diphosphoinositol pentakisphosphate), PP-InsP4 and [PP]2-InsP4 (bisdiphosphoinositol tetrakisphosphate), suggesting that it may play a role in signal transduction. It is also able to catalyze the hydrolysis of dinucleoside oligophosphate Ap6A, but not Ap5A.

Subcellular Location:

Cytoplasmic

SWISS:

Q9NZJ9

Gene ID:

11163

Important Note:

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