

胞质 5', 3'核苷酸抗体

产品货号 : mlR19486

英文名称 : NT5C/dNT1

中文名称 : 胞质 5', 3'核苷酸抗体

别名 : 3''-pyrimidine nucleotidase; 5' nucleotidase, deoxy (pyrimidine); 5' nucleotidase, deoxy (pyrimidine), cytosolic type C; 5''(3'')-deoxyribonucleotidase; 5'(3')-deoxyribonucleotidase, cytosolic type; 5', 3'-nucleotidase, cytosolic; 5-prime,3-prime-nucleotidase, cytosolic; cdN; Cytosolic 5''; cytosolic 5',3'-pyrimidine nucleotidase; cytosolic type; cytosolic type C,5',3'-nucleotidase; cytosolic,uridine 5'-monophosphate phosphohydrolase 2; Deoxy 5' nucleotidase 1; Deoxy-5''-nucleotidase 1; Deoxyribonucleotidase, cytosolic, 1; DNT; dNT-1; dNT1; Nt5c; NT5C_HUMAN; P5N2; PN-I; PN-II; Pyrimidine 5-prime nucleotidase 2; UMPH2; uridine 5'-monophosphate phosphohydrolase 2; uridine 5-prime monophosphate hydrolase 2.

研究领域 : 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 : 23, 13kDa

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 NT5C/dNT1:101-201/201

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 encodes a nucleotidase that catalyzes the dephosphorylation of the 5' deoxyribonucleotides (dNTP) and 2'(3')-dNTP and ribonucleotides, but not 5' ribonucleotides. Of the different forms of nucleotidases characterized, this enzyme is unique in its preference for 5'-dNTP. It may be one of the enzymes involved in regulating the size of dNTP pools in cells. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Nov 2011]

Function:

Dephosphorylates the 5' and 2'(3')-phosphates of deoxyribonucleotides, with a preference for dUMP and dTMP, intermediate activity towards dGMP, and low activity towards dCMP and dAMP.

Subcellular Location:

Cytoplasm.

Tissue Specificity:

Detected in skeletal muscle, heart and pancreas.

Similarity:

Belongs to the 5'(3')-deoxyribonucleotidase family.

SWISS:

Q8TCD5

Gene ID:

30833

Important Note:

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