

NT5C Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP22072a

Product Information

Application	WB, E
Primary Accession	Q8TCD5
Reactivity	Human, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB55089
Calculated MW	23383

Additional Information

Gene ID	30833
Other Names	5'(3')-deoxyribonucleotidase, cytosolic type, 3.1.3.-, Cytosolic 5', 3'-pyrimidine nucleotidase, Deoxy-5'-nucleotidase 1, dNT-1, NT5C, DNT1, UMPH2
Target/Specificity	This NT5C antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 27-60 amino acids from human NT5C.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	NT5C Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NT5C
Synonyms	DNT1, UMPH2
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.

Cellular Location

Cytoplasm.

Tissue Location

Detected in skeletal muscle, heart and pancreas.

Background

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.

References

Rampazzo C.,et al.J. Biol. Chem. 275:5409-5415(2000).

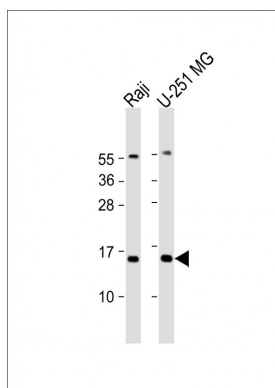
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Zody M.C.,et al.Nature 440:1045-1049(2006).

Rampazzo C.,et al.Gene 294:109-117(2002).

Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).

Images



All lanes : Anti-NT5C Antibody (N-Term) at 1:2000 dilution
Lane 1: Raji whole cell lysate Lane 2: U-251 MG whole cell lysate
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 23 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.