

# NT5C Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP22072a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q8TCD5</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB55089
<b>Calculated MW</b>	23383

## Additional Information

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<b>Gene ID</b>	30833
<b>Other Names</b>	5'(3')-deoxyribonucleotidase, cytosolic type, 3.1.3.-, Cytosolic 5', 3'-pyrimidine nucleotidase, Deoxy-5'-nucleotidase 1, dNT-1, NT5C, DNT1, UMPH2
<b>Target/Specificity</b>	This NT5C antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 27-60 amino acids from human NT5C.
<b>Dilution</b>	WB~~1:2000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	NT5C Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	NT5C
<b>Synonyms</b>	DNT1, UMPH2
<b>Function</b>	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

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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

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

Ota T.,et al.Nat. Genet. 36:40-45(2004).

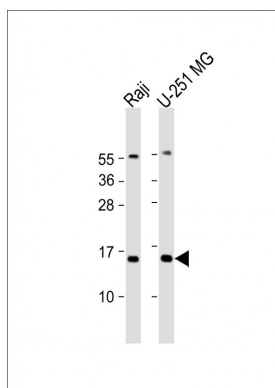
Zody M.C.,et al.Nature 440:1045-1049(2006).

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

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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'.