

**NT5C Antibody (C-Term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP22060b**

**Specification**

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**NT5C Antibody (C-Term) - Product Information**

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

**NT5C Antibody (C-Term) - 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 164-195 amino acids from human NT5C.

**Dilution**

WB~~1:2000

**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 (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**NT5C Antibody (C-Term) - 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

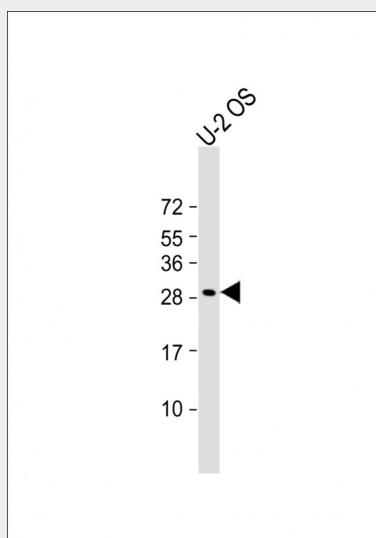
Detected in skeletal muscle, heart and pancreas.

### NT5C Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### NT5C Antibody (C-Term) - Images



Anti-NT5C Antibody (C-Term) at 1:2000 dilution + U-2 OS whole cell lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 23 kDa Blocking/Dilution buffer: 5% NFDN/TBST.

### NT5C Antibody (C-Term) - 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.

### NT5C Antibody (C-Term) - References

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).