

# NT5C Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP22060b

## **Specification**

# NT5C Antibody (C-Term) - Product Information

Application WB,E
Primary Accession Q8TCD5
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

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 (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**

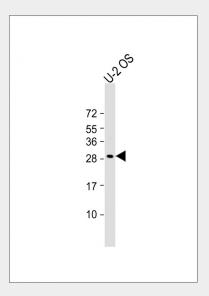
Detected in skeletal muscle, heart and pancreas.

# NT5C Antibody (C-Term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## NT5C Antibody (C-Term) - Images



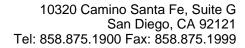
Anti-NT5C Antibody (C-Term) at 1:2000 dilution + U-2 OS whole cell lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 23 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

# 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).