

NT5C Antibody (N-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22072a

Specification

NT5C Antibody (N-Term) - Product Information

| | |
|-------------------|------------------------|
| Application | WB,E |
| Primary Accession | Q8TCD5 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | polyclonal |
| Isotype | Rabbit IgG |
| Calculated MW | 23383 |

NT5C Antibody (N-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 27-60 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 (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

NT5C Antibody (N-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

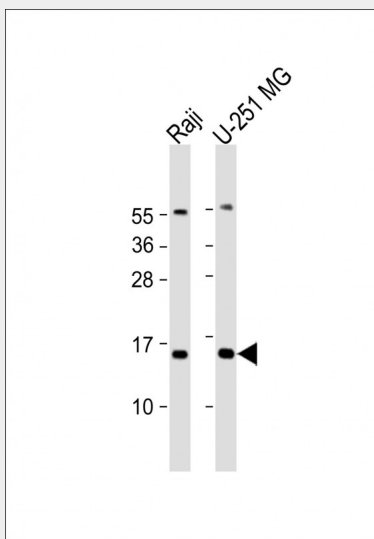
Detected in skeletal muscle, heart and pancreas.

NT5C Antibody (N-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 (N-Term) - 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.

NT5C Antibody (N-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 (N-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).