

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 Ig
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

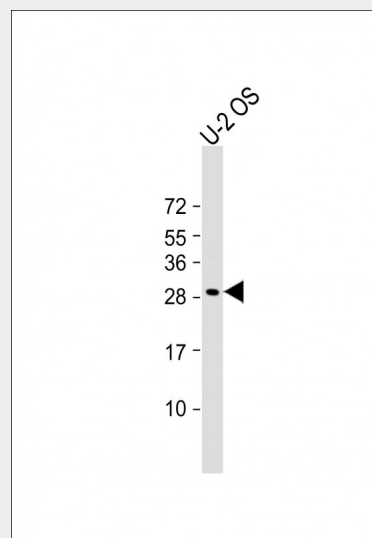
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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.



Anti-NT5C Antibody (C-Term) at 1:2000 dilution + U-2 OS 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 (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).

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](#)