

NT5C3 Antibody (C-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22008b**Specification**

NT5C3 Antibody (C-Term) - Product Information

Application	WB,E
Primary Accession	Q9H0P0
Other Accession	Q9D020
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	37948

NT5C3 Antibody (C-Term) - Additional Information**Gene ID** 51251**Other Names**

Cytosolic 5'-nucleotidase 3A, 3.1.3.5, Cytosolic 5'-nucleotidase 3, Cytosolic 5'-nucleotidase III, cN-III, Pyrimidine 5'-nucleotidase 1, P5'N-1, P5N-1, PN-I, Uridine 5'-monophosphate hydrolase 1, p36, NT5C3A, NT5C3, P5N1, UMPH1

Target/Specificity

This NT5C3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 282-313 amino acids from human NT5C3.

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

NT5C3 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

NT5C3 Antibody (C-Term) - Protein Information**Name** NT5C3A

Synonyms NT5C3, P5N1, UMPH1

Function Nucleotidase which shows specific activity towards cytidine monophosphate (CMP) and 7-methylguanosine monophosphate (m(7)GMP) (PubMed:[24603684](#)). CMP seems to be the preferred substrate (PubMed:[15968458](#)).

Cellular Location

Cytoplasm.

Tissue Location

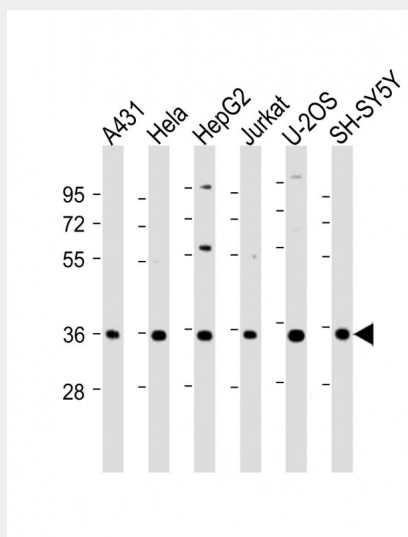
Isoforms 1, 3 and 4 are expressed in reticulocytes. Isoform 4 is hardly detectable in bone marrow and fetal liver

NT5C3 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](#)

NT5C3 Antibody (C-Term) - Images



All lanes : Anti-NT5C3 Antibody (C-Term) at 1:2000 dilution Lane 1: A431 whole cell lysate Lane 2: HeLa whole cell lysate Lane 3: HepG2 whole cell lysate Lane 4: Jurkat whole cell lysate Lane 5: U-2OS whole cell lysate Lane 6: SH-SY5Y 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 : 38 kDa Blocking/Dilution buffer: 5% NFD/MTBST.

NT5C3 Antibody (C-Term) - Background

Can act both as nucleotidase and as phosphotransferase.

NT5C3 Antibody (C-Term) - References

Amici A.,et al.Blood 96:1596-1598(2000).
Marinaki A.M.,et al.Blood 97:3327-3332(2001).
Kanno H.,et al.Br. J. Haematol. 126:265-271(2004).
Wiemann S.,et al.Genome Res. 11:422-435(2001).
Ota T.,et al.Nat. Genet. 36:40-45(2004).