

# NT5C3 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP22008b

## Product Information

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|--------------------------|------------------------|
| <b>Application</b>       | WB, E                  |
| <b>Primary Accession</b> | <a href="#">Q9H0P0</a> |
| <b>Other Accession</b>   | <a href="#">Q9D020</a> |
| <b>Reactivity</b>        | Human, Mouse           |
| <b>Predicted</b>         | Mouse                  |
| <b>Host</b>              | Rabbit                 |
| <b>Clonality</b>         | polyclonal             |
| <b>Isotype</b>           | Rabbit IgG             |
| <b>Clone Names</b>       | RB54726                |
| <b>Calculated MW</b>     | 37948                  |

## Additional Information

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|---------------------------|---|
| <b>Gene ID</b>            | 51251   |
| <b>Other Names</b>        | 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 |
| <b>Target/Specificity</b> | This NT5C3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 282-313 amino acids from human NT5C3.  |
| <b>Dilution</b>           | WB~~1:2000 E~~Use at an assay dependent concentration.  |
| <b>Format</b>             | 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.  |
| <b>Storage</b>            | 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.   |
| <b>Precautions</b>        | NT5C3 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.   |

## Protein Information

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|-----------------|--------------------|
| <b>Name</b>     | NT5C3A             |
| <b>Synonyms</b> | NT5C3, P5N1, UMPH1 |

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|--------------------------|---|
| <b>Function</b>          | Nucleotidase which shows specific activity towards cytidine monophosphate (CMP) and 7-methylguanosine monophosphate (m(7)GMP) (PubMed: <a href="#">24603684</a> ). CMP seems to be the preferred substrate (PubMed: <a href="#">15968458</a> ). |
| <b>Cellular Location</b> | Cytoplasm.  |
| <b>Tissue Location</b>   | Isoforms 1, 3 and 4 are expressed in reticulocytes. Isoform 4 is hardly detectable in bone marrow and fetal liver   |

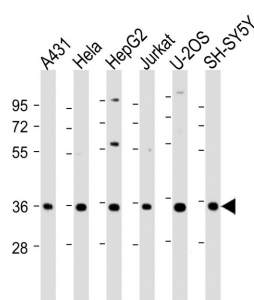
## Background

Can act both as nucleotidase and as phosphotransferase.

## 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).

## 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% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.