

NT5C1B Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10300a**Specification**

NT5C1B Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q96P26
Other Accession	NP_001002006.1 , NP_150278.2
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	68804
Antigen Region	3-32

NT5C1B Antibody (N-term) - Additional Information**Gene ID** 100526794;93034**Other Names**

Cytosolic 5'-nucleotidase 1B, cN1B, Autoimmune infertility-related protein, Cytosolic 5'-nucleotidase 1B, cN-1B, NT5C1B, AIRP

Target/Specificity

This NT5C1B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 3-32 amino acids from the N-terminal region of human NT5C1B.

Dilution

WB~~1:1000

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

NT5C1B Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

NT5C1B Antibody (N-term) - Protein Information**Name** NT5C1B

Synonyms AIRP

Function Catalyzes the hydrolysis of nucleotide monophosphates, releasing inorganic phosphate and the corresponding nucleoside, AMP is the major substrate.

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q9BXI3}.

Tissue Location

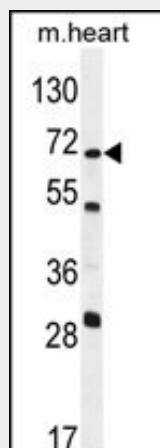
Highly expressed in testis, placenta and pancreas. Detected at lower levels in heart, kidney, liver and lung

NT5C1B 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](#)

NT5C1B Antibody (N-term) - Images



NT5C1B Antibody (N-term) (Cat. #AP10300a) western blot analysis in mouse heart tissue lysates (35ug/lane). This demonstrates the NT5C1B antibody detected the NT5C1B protein (arrow).

NT5C1B Antibody (N-term) - Background

Cytosolic 5-prime nucleotidases, such as NT5C1B, catalyze production of adenosine, which regulates diverse physiologic processes (Sala-Newby and Newby, 2001 [PubMed 11690631]). [supplied by OMIM].

NT5C1B Antibody (N-term) - References

Gass, N., et al. J Affect Disord 126 (1-2), 134-139 (2010) :

Cirulli, E.T., et al. Eur. J. Hum. Genet. 18(7):815-820(2010)

Olsen, J.V., et al. Cell 127(3):635-648(2006)

Sala-Newby, G.B., et al. Biochim. Biophys. Acta 1521 (1-3), 12-18 (2001) :