10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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 IB, cN-IB, 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

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}.

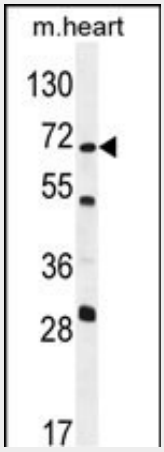
Tissue Location
Highly expressed in testis, placenta and pancreas. Detected at lower levels in heart, kidney, liver and lung

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 Cytomety
- 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) :