10320 Camino Santa Fe, Suite G
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NT5C1B Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP10300a

Specification

NT5C1B Antibody (N-term) Blocking peptide - Product Information

Primary Accession	Q96P26
Other Accession	NP_001002006.1, NP_150278.2

NT5C1B Antibody (N-term) Blocking peptide - 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

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

NT5C1B Antibody (N-term) Blocking peptide - 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) Blocking peptide - Protocols

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Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

NT5C1B Antibody (N-term) Blocking peptide - Images

NT5C1B Antibody (N-term) Blocking peptide - Background

Cytosolic 5-prime nucleotidases, such as NT5C1B, catalyzeproduction of adenosine, which regulates diverse physiologicprocesses (Sala-Newby and Newby, 2001 [PubMed 11690631]).[suppliedby OMIM].

NT5C1B Antibody (N-term) Blocking peptide - 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) :