

NT5C1B/RDH14 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57544

Specification

NT5C1B/RDH14 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q96P26
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	69 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NT5C1B
Epitope Specificity	1-100/610
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm.
SIMILARITY	Belongs to the 5'-nucleotidase type 3 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

This locus represents naturally occurring read-through transcription between the neighboring NT5C1B (5'-nucleotidase, cytosolic IB) and RDH14 (retinol dehydrogenase 14) genes on chromosome 2. Alternative splicing results in multiple transcript variants, one of which encodes a fusion protein that shares sequence identity with the products of each individual gene. [provided by RefSeq, Nov 2010]

NT5C1B/RDH14 Polyclonal Antibody - Additional Information

Gene ID 100526794;93034

Other Names

Cytosolic 5'-nucleotidase 1B, cN1B, 3.1.3.5, Autoimmune infertility-related protein, Cytosolic 5'-nucleotidase IB, cN-IB, NT5C1B, AIRP

Target/Specificity

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

Dilution

IHC-P~~N/A

=IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

NT5C1B/RDH14 Polyclonal Antibody - 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/RDH14 Polyclonal Antibody - 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/RDH14 Polyclonal Antibody - Images