

### 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
Reactivity
Rat
Host
Clonality
Calculated MW
Physical State

Q96P26
Rat
Rabbit
Polyclonal
C9 KDa
Liquid

Immunogen KLH conjugated synthetic peptide derived

from human NT5C1B

Epitope Specificity 1-100/610

Isotype IgG

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**

<span class ="dilution\_IHC-P">IHC-P~~N/A</span><br \><span class</pre>



="dilution\_IHC-F">IHC-F~~N/A</span><br \><span class ="dilution\_IF">IF~~1:50~200</span><br \><span class ="dilution\_ICC">ICC~~N/A</span><br \><span class ="dilution\_E">E~~N/A</span>

#### **Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

## **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 Cytomety
- Cell Culture

### NT5C1B/RDH14 Polyclonal Antibody - Images