

NT5C1B/RDH14 Rabbit pAb

NT5C1B/RDH14 Rabbit pAb Catalog # AP57544

Product Information

Application IHC-P, IHC-F, IF, E

Primary Accession

Reactivity

Mouse

Host

Clonality

Polyclonal

Calculated MW

Physical State

Q96P26

Mouse

Rabbit

Polyclonal

68804

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]

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=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500

0-10000

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.

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

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.