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NT5C1B/RDH14 Rabbit pAb

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Catalog # AP57544

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q96P26
Predicted	Rat, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	68804
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.
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	93034
Other Names	Cytosolic 5'-nucleotidase 1B, cN1B, 3.1.3.5, Autoimmune infertility-related protein, Cytosolic 5'-nucleotidase IB, cN-IB, NT5C1B, AIRP
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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'.