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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	Human, Mouse, Rat
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.
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=1:5000-10000
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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