



Rabbit Anti-NT5C1B/RDH14 antibody

SL19487R

Product Name:	NT5C1B/RDH14
Chinese Name:	胞浆5'核苷酸酶1B抗体
Alias:	5' nucleotidase cytosolic IB; 5' nucleotidase cytosolic IB isoform CRA_b; 5NT1B_HUMAN; AIRP; Autoimmune infertility-related protein; CN IB; cN-IB; cN1B; CNIB; Cytosolic 5' nucleotidase 1B; Cytosolic 5' nucleotidase IB; Cytosolic 5'-nucleotidase 1B; Cytosolic 5'-nucleotidase IB; MGC26640; Nt5c1b 5' nucleotidase cytosolic IB; NT5C1B; Nt5c1b protein; Nucleotidase 5 prime cytosolic IB; Rdh14.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	69kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NT5C1B:1-100/610
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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]

Function:

Dephosphorylates the 5' and 2'(3')-phosphates of deoxyribonucleotides. Helps to regulate adenosine levels.

Subcellular Location:

Cytoplasm.

Tissue Specificity:

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

Similarity:

Belongs to the 5'-nucleotidase type 3 family.

SWISS:

Q96P26

Gene ID:

100526794

Database links:

[Entrez Gene: 100526794](#) Human

[Entrez Gene: 93034](#) Human

[Entrez Gene: 70881](#) Mouse

[Omim: 610526](#) Human

[SwissProt: Q96P26](#) Human

[SwissProt: Q91YE9](#) Mouse

[Unigene: 120319](#) Human

[Unigene: 272843](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.