



Rabbit Anti-NT5C2 antibody

SL0372R

Product Name:	NT5C2
Chinese Name:	胞浆-5'-核苷酸酶- II 抗体
Alias:	5' nucleotidase (purine) cytosolic type B; 5NTC_HUMAN; cN II; Cytosolic 5'-nucleotidase II; Cytosolic IMP/GMP-specific 5'-nucleotidase; Cytosolic purine 5' nucleotidase; Cytosolic purine 5''-nucleotidase; GMP; NT5B; nt5c2; NT5CP; NUCLEOTIDASE, 5-PRIME, CYTOSOLIC II; NUCLEOTIDASE, 5-PRIME, TYPE B; PNT5; PURINE 5-PRIME-NUCLEOTIDASE; PNT5.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=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:	65kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NT5C2:1-100/561
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 gene encodes a hydrolase that serves as an important role in cellular purine metabolism by acting primarily on inosine 5'-monophosphate and other purine nucleotides. [provided by RefSeq, Oct 2011]

Function:

May have a critical role in the maintenance of a constant composition of intracellular purine/pyrimidine nucleotides in cooperation with other nucleotidases. Preferentially hydrolyzes inosine 5'-monophosphate (IMP) and other purine nucleotides.

Subunit:

Homotetramer.

Subcellular Location:

Cytoplasm.

Similarity:

Belongs to the 5'(3')-deoxyribonucleotidase family.

SWISS:

P49902

Gene ID:

22978

Database links:

[Entrez Gene: 281951](#)Cow

[Entrez Gene: 22978](#)Human

[Entrez Gene: 76952](#)Mouse

[Omim: 600417](#)Human

[SwissProt: O46411](#)Cow

[SwissProt: P49902](#)Human

[SwissProt: Q3V1L4](#)Mouse

[Unigene: 97439](#)Human

[Unigene: 40965](#)Mouse

Important Note:

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

CD-73(胞浆-5'-核苷酸酶-

II)具有水解酶及磷酸转移酶的活性,在调解核苷酸的平衡中发挥着重要作用.