

## 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.

**Research Area** Cardiovascular Cell biology immunology Chromatin and nuclear signals Cell Surface Molecule Epigenetics

**Immunogen Species** Rabbit

**Clonality** Polyclonal

**React Species** (predicted: Human, Mouse, Rat, Dog, Cow, )  
WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000

**Applications** (Paraffin sections need antigen repair )  
not yet tested in other applications.  
optimal dilutions/concentrations should be determined by the end user.

**Theoretical molecular weight** 65kDa

**Cellular localization** cytoplasmic

**Form** Liquid

**Concentration** 1mg/ml

**immunogen** KLH conjugated synthetic peptide derived from human NT5C2: 1-100/561

**Lsotype** IgG

**Purification** affinity purified by Protein A

**Buffer Solution** 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

**Storage** Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

**Attention** This product as supplied is intended for research use only, not for use in human, therapeutic

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or diagnostic applications.

[PubMed](#)

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

**Product  
Detail**

**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



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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.