



Rabbit Anti-NT5C1A antibody

SL7060R

Product Name:	NT5C1A
Chinese Name:	胞质5'核苷酸酶1A抗体
Alias:	NT5C1A dephosphorylates the 5' and 2'(3')-phosphates of deoxyribonucleotides and has a broad substrate specificity. It helps to regulate adenosine levels in the heart during ischemia and hypoxia; 5NT1A HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,
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:	41kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NT5C1A:201-300/368
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:	NT5C1A dephosphorylates the 5' and 2'(3')-phosphates of deoxyribonucleotides and has a broad substrate specificity. It helps to regulate adenosine levels in the heart during ischemia and hypoxia. Function:

Dephosphorylates the 5' and 2'(3')-phosphates of deoxyribonucleotides and has a broad substrate specificity. Helps to regulate adenosine levels in heart during ischemia and hypoxia.

Subcellular Location:

Cytoplasm.

Tissue Specificity:

Highly expressed in skeletal muscle. Detected at intermediate levels in heart, brain, kidney and pancreas.

Similarity:

Belongs to the 5'-nucleotidase type 3 family.

SWISS:

Q9BXI3

Gene ID:

84618

Database links:

[Entrez Gene: 84618](#)Human

[Entrez Gene: 230718](#)Mouse

[Omim: 610525](#)Human

[SwissProt: Q9BXI3](#)Human

[SwissProt: A3KFX0](#)Mouse

[Unigene: 307006](#)Human

[Unigene: 354635](#)Mouse

Important Note:

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