

For Research Use Only

NT5C1A Polyclonal antibody

Catalog Number: 21284-1-AP



Basic Information

Catalog Number:

21284-1-AP

Size:

150ul , Concentration: 800 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15802

GenBank Accession Number:

BC103880

GeneID (NCBI):

84618

UNIPROT ID:

Q9BXI3

Full Name:

5'-nucleotidase, cytosolic 1A

Calculated MW:

368 aa, 41 kDa

Observed MW:

40-45 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : mouse heart tissue,

Background Information

NT5C1A (5'-nucleotidase cytosolic 1A) is a 365 amino acid protein belonging to the 5'-nucleotidase type 3 family. AMP can be deaminated by AMP-deaminase (AMPD) to IMP, which is hydrolyzed to inosine by cytosolic 5'-nucleotidase II (NT5C2). AMP can also be hydrolyzed to adenosine by cytosolic 5'-nucleotidase 1A (NT5C1A). NT5C1A also assists in the regulation of adenosine levels in heart during ischemia and hypoxia.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

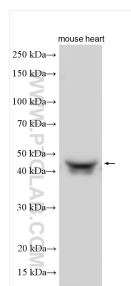
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



mouse heart tissue were subjected to SDS PAGE followed by western blot with 21284-1-AP (NT5C1A antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.