

For Research Use Only

NT5C1A Polyclonal antibody

Catalog Number: 21284-1-AP



Basic Information

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|---|--|--|
| Catalog Number: 21284-1-AP | GenBank Accession Number: BC103880 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 800 µg/ml by Nanodrop; | GeneID (NCBI): 84618 | Recommended Dilutions: WB 1:500-1:3000 |
| Source: Rabbit | Full Name: 5'-nucleotidase, cytosolic 1A | |
| Isotype: IgG | Calculated MW: 368 aa, 41 kDa | |
| Immunogen Catalog Number: AG15802 | Observed MW: 40-45 kDa | |

Applications

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|---|---|
| Tested Applications: WB, ELISA | Positive Controls: WB : mouse heart tissue, |
| Species Specificity: human, mouse | |

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

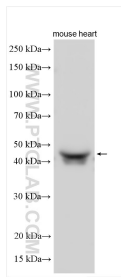
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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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.