

For Research Use Only

NT5C1A Polyclonal antibody

Catalog Number: 21284-1-AP



Basic Information

Catalog Number: 21284-1-AP	GenBank Accession Number: BC103880	Purification Method: Antigen affinity purification
Size: 800 µg/ml	GeneID (NCBI): 84618	Recommended Dilutions: WB 1:500-1:3000
Source: Rabbit	UNIPROT ID: Q9BXI3	
Isotype: IgG	Full Name: 5'-nucleotidase, cytosolic 1A	
Immunogen Catalog Number: AG15802	Calculated MW: 368 aa, 41 kDa	
	Observed MW: 40-45 kDa	

Applications

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

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

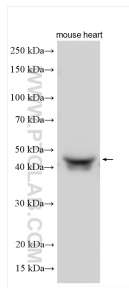
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.