

For Research Use Only

NRK1 Polyclonal antibody, PBS Only

Catalog Number: 23805-1-PBS



Basic Information

Catalog Number: 23805-1-PBS	GenBank Accession Number: BC001366	Purification Method: Antigen Affinity purified
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 54981	
Source: Rabbit	UNIPROT ID: Q9NWW6	
Isotype: IgG	Full Name: chromosome 9 open reading frame 95	
Immunogen Catalog Number: AG20746	Calculated MW: 199 aa, 23 kDa	
	Observed MW: 23 kDa	

Applications

Tested Applications:
WB, IP, Indirect ELISA

Species Specificity:
human, mouse

Background Information

NRK1 (Nicotinamide riboside kinase 1) is necessary and rate-limiting for the use of exogenous NR and NMN for NAD β synthesis. Functionally, NRK1 activity restrains CD4 $^{+}$ T cell activation and cytokine production and promotes survival. These activities are linked to increased NRK1 expression in the cytoplasm, where it locally elevates NAD/H levels (PMID: 27725675, 29678570).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

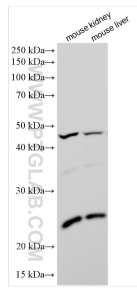
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

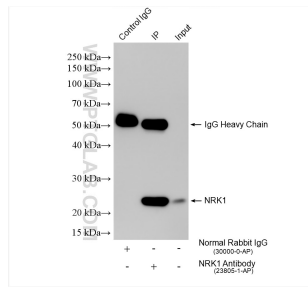
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 23805-1-AP (NRK1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 23805-1-PBS in a different storage buffer formulation.



IP result of anti-NRK1 (IP:23805-1-AP, 4ug; Detection:23805-1-AP 1:3000) with mouse kidney tissue lysate 3400 ug. This data was developed using the same antibody clone with 23805-1-PBS in a different storage buffer formulation.