

For Research Use Only

NRK1 Polyclonal antibody, PBS Only

Catalog Number: 23805-1-PBS



Basic Information

Catalog Number:

23805-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20746

GenBank Accession Number:

BC001366

GeneID (NCBI):

54981

UNIPROT ID:

Q9NWW6

Full Name:

chromosome 9 open reading frame 95

Calculated MW:

199 aa, 23 kDa

Observed MW:

23 kDa

Purification Method:

Antigen Affinity purified

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

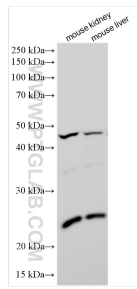
T: 4006900926

E: Proteintech-CN@ptglab.com

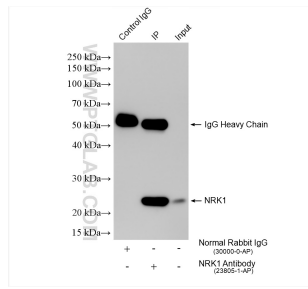
W: ptgcn.com

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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.