

For Research Use Only

# NDUFS3 Monoclonal antibody, PBS Only



Catalog Number: 68066-1-PBS

## Basic Information

Catalog Number:

68066-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG7072

GenBank Accession Number:

BC000617

GeneID (NCBI):

4722

UNIPROT ID:

O75489

Full Name:

NADH dehydrogenase (ubiquinone)

Fe-S protein 3, 30kDa (NADH-coenzyme Q reductase)

Calculated MW:

30 kDa

Observed MW:

30 kDa

Purification Method:

Protein G purification

CloneNo.:

1A1B3

## Applications

Tested Applications:

WB, Indirect ELISA, IHC

Species Specificity:

Human, pig, rabbit, mouse, rat

## Background Information

NDUFS3 (NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial) is also named as CI-30kD and belongs to the complex I 30 kDa subunit family. It catalyzes the oxidation of NADH, with the concomitant reduction of ubiquinone and ejection of protons out of the mitochondria (PMID:10967146). NDUFS3 can be used as a mitochondrial matrix control (PMID:17344420). The full length has a transit peptide with 36 amino acids.

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

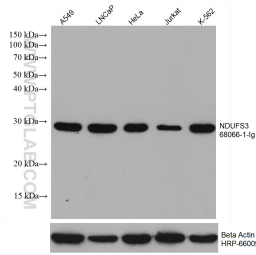
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

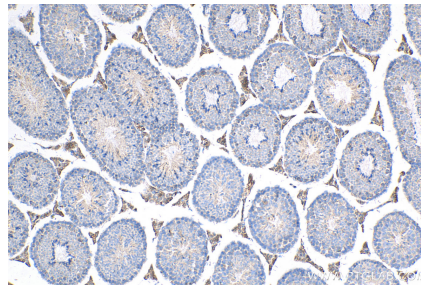
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68066-1-Ig (NDUFS3 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control. This data was developed using the same antibody clone with 68066-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 68066-1-Ig (NDUFS3 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68066-1-PBS in a different storage buffer formulation.