

NXN Monoclonal antibody, PBS Only

Catalog Number: 66603-1-PBS

Basic Information

Catalog Number:

66603-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG9248

GenBank Accession Number:

BC009327

GeneID (NCBI):

64359

UNIPROT ID:

Q6DKJ4

Full Name:

nucleoredoxin

Calculated MW:

435 aa, 48 kDa

Observed MW:

48 kDa

Purification Method:

Protein A purification

CloneNo.:

2C6A4

Applications

Tested Applications:

WB, Indirect ELISA, IHC, IF

Species Specificity:

Human, Mouse, Rat

Background Information

Nucleoredoxin (NRX/NXN), a relatively uncharacterized member of the TRX family protein, has recently been reported to regulate the Wnt/ β -catenin pathway, which itself regulates cell fate and early development, in a redox-dependent manner (PMID:17567240). Northern blot analysis detected several nucleoredoxin splice variants in adult mouse tissues, with highest expression in testis and skin and lowest expression in liver (PMID:9119370). It has 3 isoforms produced by alternative splicing. This antibody is specific to NXN.

Storage

Storage:

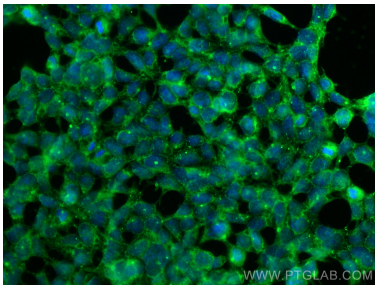
Store at -80°C.

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

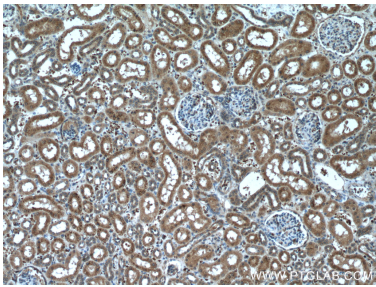
Storage Buffer:

PBS Only

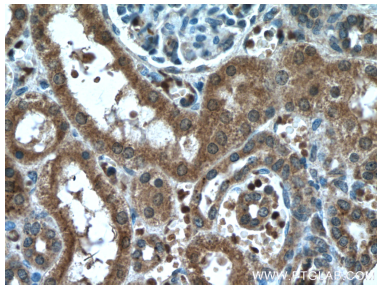
Selected Validation Data



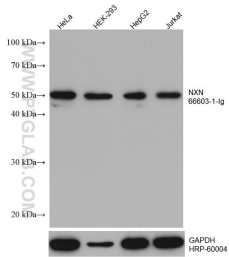
Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using NXN antibody (66603-1-Ig, Clone: 2C6A4) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66603-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 66603-1-Ig (NXN antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66603-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 66603-1-Ig (NXN antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66603-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 66603-1-Ig (NXN antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 66603-1-PBS in a different storage buffer formulation.