

For Research Use Only

NXN Monoclonal antibody, PBS Only

Catalog Number: 66603-1-PBS



Basic Information

Catalog Number: 66603-1-PBS	GenBank Accession Number: BC009327	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 64359	CloneNo.: 2C6A4
Source: Mouse	UNIPROT ID: Q6DKJ4	
Isotype: IgG1	Full Name: nucleoredoxin	
Immunogen Catalog Number: AG9248	Calculated MW: 435 aa, 48 kDa	
	Observed MW: 48 kDa	

Applications

Tested Applications:
WB, IF, IHC, Indirect ELISA

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

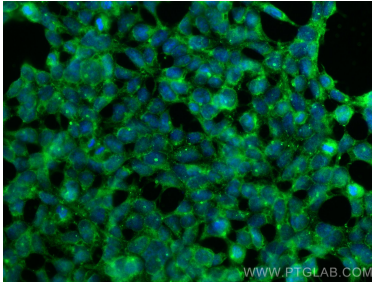
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

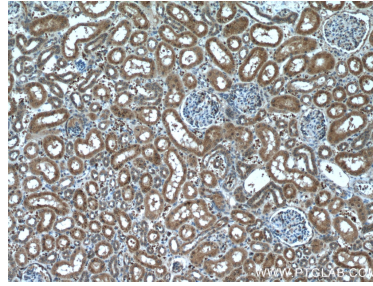
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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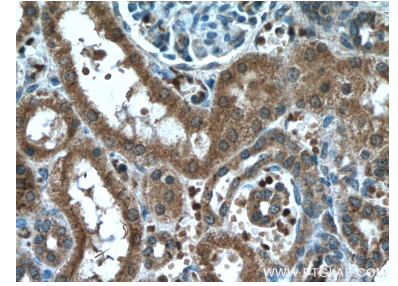
Selected Validation Data



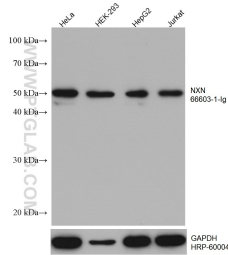
Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using NXN antibody (66603-1-Ig, Clone: 2C6A4) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66603-1-PBS in a different storage buffer formulation.



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.