

For Research Use Only

# NARFL-Specific Polyclonal antibody



Catalog Number: 20209-1-AP

1 Publications

## Basic Information

<b>Catalog Number:</b> 20209-1-AP	<b>GenBank Accession Number:</b> NM_022493	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 233 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 64428	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> nuclear prelamin A recognition factor-like	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 53 kDa	
	<b>Observed MW:</b> 26-28 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, HEK-293 cells
<b>Cited Applications:</b> WB	<b>IHC :</b> human kidney tissue, human heart tissue
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human	

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

NARFL, also named as PRN and IOP1, belongs to the NARF family. NARFL is a component of the cytosolic iron-sulfur (Fe/S) protein assembly machinery. It is required for maturation of extramitochondrial Fe/S proteins. It seems to negatively regulate the level of HIF1A expression, although this effect could be indirect. [18270200], [16956324] The antibody is specific to NARFL.

## Notable Publications

Author	Pubmed ID	Journal	Application
Monique Corbin	26456054	Free Radic Biol Med	WB

## Storage

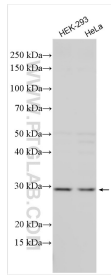
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

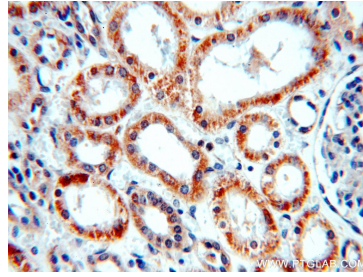
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

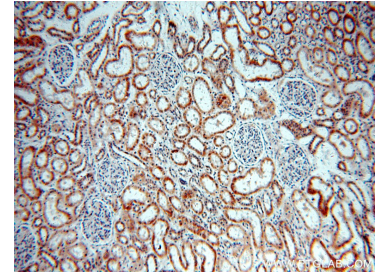
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20209-1-AP (NARFL-Specific antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney using 20209-1-AP (NARFL-Specific antibody) at dilution of 1:100 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human kidney using 20209-1-AP (NARFL-Specific antibody) at dilution of 1:100 (under 10x lens).