

For Research Use Only

# NARFL-Specific Polyclonal antibody



Catalog Number: 20209-1-AP

1 Publications

## Basic Information

**Catalog Number:**

20209-1-AP

**Size:**

233 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_022493

**GeneID (NCBI):**

64428

**UNIPROT ID:**

Q9H6Q4

**Full Name:**

nuclear prelamin A recognition factor-like

**Calculated MW:**

53 kDa

**Observed MW:**

26-28 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

IHC 1:20-1:200

## Applications

**Tested Applications:**

IHC, WB, ELISA

**Cited Applications:**

WB

**Species Specificity:**

human

**Cited Species:**

human

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

**Positive Controls:**

WB : HeLa cells, HEK-293 cells

IHC : human kidney tissue, human heart tissue

## 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

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

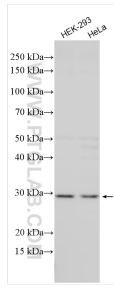
T: 4006900926

E: Proteintech-CN@ptglab.com

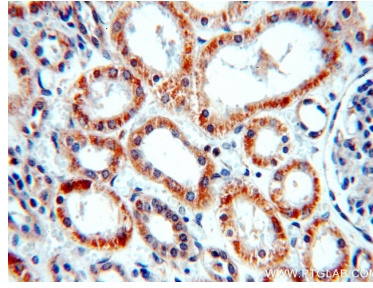
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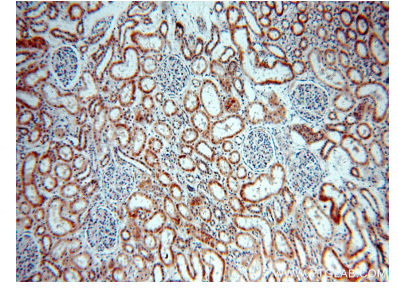
## Selected Validation Data



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).