

For Research Use Only

# NDUFB4 Polyclonal antibody

Catalog Number: 27931-1-AP



## Basic Information

**Catalog Number:**

27931-1-AP

**Size:**

150ul, Concentration: 800 ug/ml by Nanodrop and 367 ug/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG27484

**GenBank Accession Number:**

BC000855

**GeneID (NCBI):**

4710

**UNIPROT ID:**

O95168

**Full Name:**

NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 4, 15kDa

**Calculated MW:**

15 kDa

**Observed MW:**

15 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:200-1:1000

IHC 1:50-1:500

IF/ICC 1:50-1:500

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, ELISA

**Species Specificity:**

human, mouse

**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 : mouse heart tissue,

IHC : human stomach cancer tissue,

IF/ICC : HeLa cells,

## 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

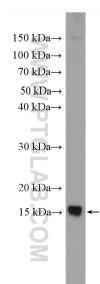
For technical support and original validation data for this product please contact:

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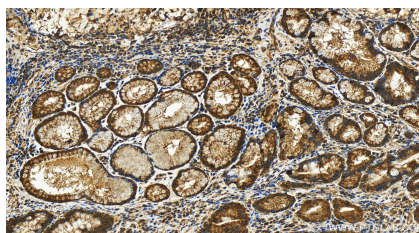
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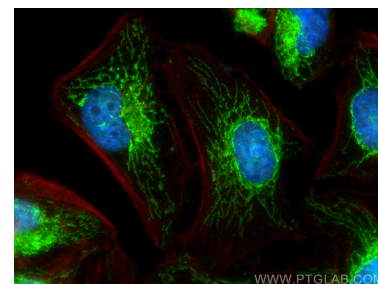
## Selected Validation Data



mouse heart tissue were subjected to SDS PAGE followed by western blot with 27931-1-AP (NDUFB4 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 27931-1-AP (NDUFB4 antibody) at dilution of 1:100 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using NDUFB4 antibody (27931-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).