

For Research Use Only

# NCX1 Polyclonal antibody

Catalog Number: 28447-1-AP **2 Publications**



## Basic Information

**Catalog Number:**

28447-1-AP

**Size:**

600 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG28952

**GenBank Accession Number:**

NM\_021097

**GeneID (NCBI):**

6546

**UNIPROT ID:**

P32418

**Full Name:**

solute carrier family 8  
(sodium/calcium exchanger),  
member 1

**Calculated MW:**

109 kDa

**Observed MW:**

70 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:4000

IHC 1:200-1:1600

## Applications

**Tested Applications:**

IHC, WB, ELISA

**Cited Applications:**

WB

**Species Specificity:**

Human, mouse, rat

**Cited Species:**

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, rat heart tissue, rat kidney  
tissue

IHC : human kidney tissue,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Hao Wu	36473990	Acta Pharmacol Sin	WB
Yun Li	37653491	J Neuroinflammation	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:

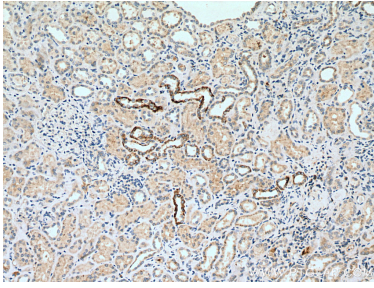
T: 4006900926

E: Proteintech-CN@ptglab.com

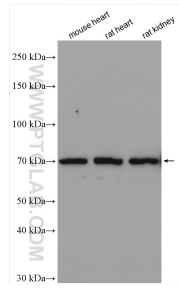
W: ptgcn.com

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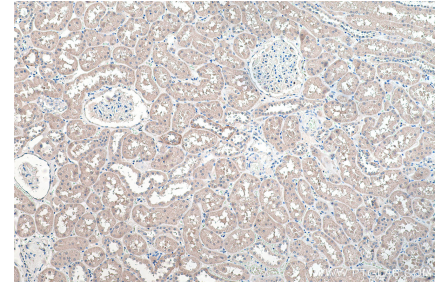
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 28447-1-AP (NCX1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 28447-1-AP (NCX1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 28447-1-AP (NCX1 antibody) at dilution of 1:1600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).