

For Research Use Only

# NKX6-1 Polyclonal antibody

Catalog Number: 20974-1-AP



## Basic Information

Catalog Number:

20974-1-AP

Size:

350 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_006168

GeneID (NCBI):

4825

UNIPROT ID:

P78426

Full Name:

NK6 homeobox 1

Calculated MW:

38 kDa

Observed MW:

45-52 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : mouse brain tissue,

## Background Information

NK6 homeobox 1 (NKX6-1) is a potent bifunctional transcription regulator that binds to AT-rich DNA sequences within the promoter region of target genes. NKX6-1 belongs to the class II proteins of neuronal progenitor factors, and the function of it is to enhance proliferation, glucose-stimulated insulin secretion, and survival in mature pancreatic beta-cells, and it is also essential in regional patterning and neuronal fate determination in central nervous system.

## 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:

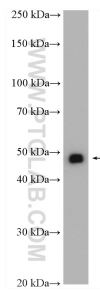
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 20974-1-AP (NKX6-1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.