

# Nogo B receptor Polyclonal antibody

Catalog Number: 15986-1-AP

1 Publications

## Basic Information

## Catalog Number:

15986-1-AP

## Size:

487 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG8789

## GenBank Accession Number:

BC013026

## GeneID (NCBI):

116150

## UNIPROT ID:

Q96E22

## Full Name:

nuclear undecaprenyl pyrophosphate synthase 1 homolog (S. cerevisiae)

## Calculated MW:

293 aa, 33 kDa

## Observed MW:

30-33 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

WB 1:500-1:1000

## Applications

## Tested Applications:

WB, ELISA

## Cited Applications:

WB

## Species Specificity:

human, mouse, rat

## Cited Species:

mouse

## Positive Controls:

WB : mouse brain tissue, mouse pancreas tissue

## Background Information

Nogo proteins containing three isoforms (Nogo A, B, C) have been implicated in a variety of critical cellular processes including CNS neuronal regeneration, vascular cell spreading and chemotaxis. While only two functional receptors have been reported so far: NgR binding all three Nogos and NgBR specifically binding Nogo-B. Nogo-B receptor, also known as NgBR or NUS1, specifically binds the amino amino terminus (residues 1-200) of Nogo-B, the interaction of which is essential for stimulating chemotaxis, morphogenesis and angiogenesis. Western blot analysis detected high NgBR expression in mouse heart, liver, kidney, and pancreas with molecular weight around 30-33 kDa.

## Notable Publications

| Author              | Pubmed ID | Journal             | Application |
|---------------------|-----------|---------------------|-------------|
| Christoph Eckharter | 26635533  | Front Cell Neurosci | 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

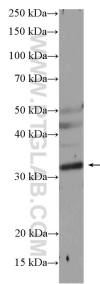
For technical support and original validation data for this product please contact:

T: 4006900926

E: [Proteintech-CN@ptglab.com](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 15986-1-AP (NUS1 Antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.