

Nogo B receptor Polyclonal antibody

Catalog Number: 15986-1-AP

1 Publications

Basic Information

Catalog Number:

15986-1-AP

Size:

150ul , Concentration: 487 µg/ml by Bradford method using BSA as the standard;

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

*** 20ul sizes contain 0.1% BSA

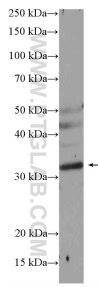
For technical support and original validation data for this product please contact:

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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.