

For Research Use Only

Nogo B receptor Polyclonal antibody



Catalog Number: 15986-1-AP

1 Publications

Basic Information

Catalog Number: 15986-1-AP	GenBank Accession Number: BC013026	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 487 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 116150	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: nuclear undecaprenyl pyrophosphate synthase 1 homolog (S. cerevisiae)	
Isotype: IgG	Calculated MW: 293 aa, 33 kDa	
Immunogen Catalog Number: AG8789	Observed MW: 30-33 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse brain tissue, mouse pancreas tissue
Cited Applications: WB	
Species Specificity: human, mouse, rat	
Cited Species: mouse	

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

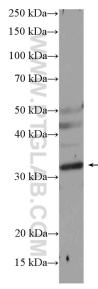
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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.