BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Reticulon-4 receptor-like 2 RTN4RL2 Antibody

Catalog Number: A10682

About RTN4RL2

Reticulon 4 receptor-like 2 (RTN4RL2), also known as NgR2and NgRH1, is a 60 kDa glycosylphosphatidylinositol-anchored protein that is expressed primarily in the brain. It contains eight leucine-rich repeats that are flanked by cysteine-rich sequences at both the N- and C-termini. The membrane anchored RTN4RL2 can be solubilized through the action of phospholipase or an unidentified MTMMP to generate a 46 kDa soluble receptor. It has been suggested that RTN4RL2 may play a role in regulating axonal regeneration and plasticity in the adult central nervous system.

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Overview

Product Name	Anti-Reticulon-4 receptor-like 2 RTN4RL2 Antibody
Reactive Species	Human
Description	Boster Bio Anti-Reticulon-4 receptor-like 2 RTN4RL2 Antibody (Catalog # A10682). Tested in ELISA, WB applications. This antibody reacts with Human.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	RTN4RL2 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	RTN4RL2 antibody can be stored at 4°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q86UN3

Technical Details

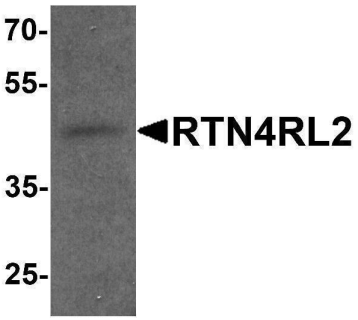
Immunogen	Rabbit polyclonal RTN4RL2 antibody was raised against an 18 amino acid peptide near the carboxy terminus of human RTN4RL2. The immunogen is located within amino acids 330 - 380 of RTN4RL2.
Predicted Reactive Species	Mouse, Rat
Cross Reactivity	Three alternatively spliced transcript variants have been observed. RTN4RL2 antibody is predicted to not cross-react with other Nogo receptor-like proteins.

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Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	RTN4RL2 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	RTN4RL2 antibody can be used for detection of RTN4RL2 by Western blot at 1 - 2 ug/mL. Antibody validated: Western Blot in rat samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-Reticulon-4 receptor-like 2 RTN4RL2 Antibody (A10682) Images



Western blot analysis of RTN4RL2 in rat brain tissue lysate with RTN4RL2 antibody at 1 ug/mL.

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