BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Amphoterin-induced protein 1 AMIGO1 Antibody

Catalog Number: A11302

About AMIGO1

The amphoterin-induced gene and ORF (AMIGO1) protein is a brain-enriched, glycosylated transmembrane immunoglobulin (Ig) superfamily protein with six extracellular leucine-rich repeats (LRRs) and one Ig-like domain. It and the related proteins AMIGO2 and AMIGO3 are thought to be cell adhesion molecules expressed on fiber tracts of neuronal tissues and participate in their formation (1). AMIGO1 has also been suggested to play important roles in dendritic outgrowth during development and could modulate the survival of developing and adult neurons (2).

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Overview

Product Name	Anti-Amphoterin-induced protein 1 AMIGO1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Amphoterin-induced protein 1 AMIGO1 Antibody (Catalog # A11302). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	AMIGO1 antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	AMIGO1 antibody can be stored at 4°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q86WK6

Technical Details

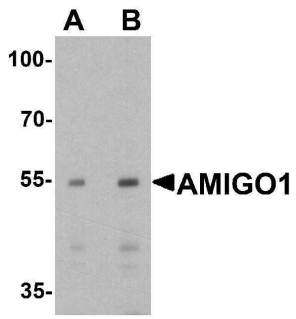
Immunogen	AMIGO1 antibody was raised against a 19 amino acid peptide near the carboxy terminus of human AMIGO1. The immunogen is located within the last 50 amino acids of AMIGO1.
Predicted Reactive Species	Bovine, Mouse, Rat
Cross Reactivity	AMIGO1 antibody is human, mouse, and rat reactive. AMIGO1 antibody is predicted to not cross-react with AMIGO2 or AMIGO3.

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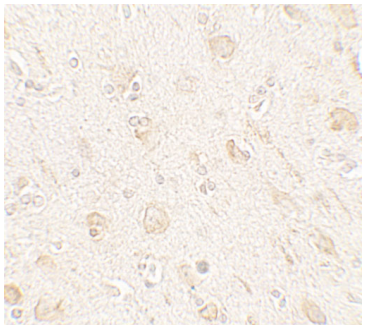
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	AMIGO1 antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	AMIGO1 antibody can be used for detection of AMIGO1 by Western blot at 1 - 2 ug/ml. Antibody can also be used for Immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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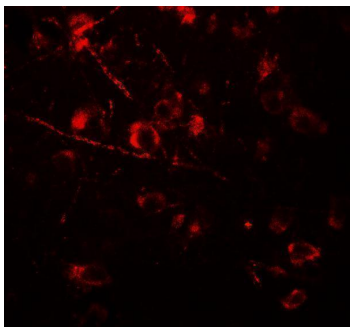
Anti-Amphoterin-induced protein 1 AMIGO1 Antibody (A11302) Images



Western blot analysis of AMIGO1 in HeLa cell lysate with AMIGO1 antibody at (A) 1 and (B) 2 ug/ml.



Immunohistochemistry of AMIGO1 in human brain tissue with AMIGO1 antibody at 5 ug/mL.



Immunofluorescence of AMIGO1 in human brain tissue with AMIGO1 antibody at 20 ug/mL.

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