

Anti-Tectonic-2 TCTN2 Antibody

Catalog Number: A11196

About TCTN2

TCTN2 is a member of the Tectonic protein family, a group of evolutionarily conserved secreted and transmembrane proteins that regulate the Hedgehog (Hh)-mediated patterning of the neural tube. While the expression pattern and function of TCTN2 is not known, it is 49% similar to TCTN1. TCTN1 is expressed during embryonic development in regions that participate in Hh signaling, beginning in the gastrulation stages in the ventral node. Mice expressing mutant TCTN1 die between E13.5 and E16.5 and display holoprosencephaly, a defect associated with reduced Hh signaling, indicating the role of TCTN1 as an Hh activator. At later stages in development, TCTN1 is thought to also act as a repressor on the Hh pathway in the anterior and posterior neural tube.

Overview

Product Name	Anti-Tectonic-2 TCTN2 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Tectonic-2 TCTN2 Antibody (Catalog # A11196). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	TCTN2 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	TCTN2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q96GX1

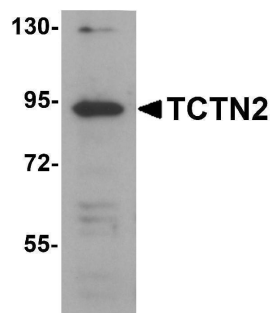
Technical Details

Immunogen	TCTN2 antibody was raised against a 15 amino acid synthetic peptide near the carboxy terminus of human TCTN2. The immunogen is located within amino acids 610 - 660 of TCTN2.
Predicted Reactive Species	Rat
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	TCTN2 Antibody is affinity chromatography purified via peptide column.

Suggested Dilutions

TCTN2 antibody can be used for detection of TCTN2 by Western blot at 1 ug/mL.
Antibody validated: Western Blot in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

Anti-Tectonic-2 TCTN2 Antibody (A11196) Images



Western blot analysis of TCTN2 in SK-N-SH cell lysate with TCTN2 antibody at 1 ug/mL.

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