

Anti-Axin-1 AXIN1 Antibody

Catalog Number: A00986

About AXIN1

AXIN1 is a cytoplasmic protein which contains a regulation of G-protein signaling (RGS) domain and a dishevelled and axin (DIX) domain and is thought to function as a negative regulator of the WNT signaling pathway that regulates embryonic axis formation. AXIN1 interacts with adenomatosis polyposis coli (APC), beta-catenin, glycogen synthase kinase 3 beta, forming a tetrameric complex resulting in the regulation of the stabilization of beta-catenin. Mutations in the AXIN1 gene have been associated various carcinomas, indicating that it also functions as a tumor suppressor.

Overview

Product Name	Anti-Axin-1 AXIN1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Axin-1 AXIN1 Antibody (Catalog # A00986). Tested in ELISA, WB, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, WB
Clonality	Polyclonal
Formulation	AXIN1 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	AXIN1 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	O15169

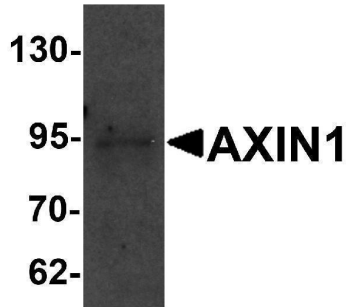
Technical Details

Immunogen	AXIN1 antibody was raised against a 14 amino acid synthetic peptide near the carboxy terminus of human AXIN1. The immunogen is located within amino acids 620 - 670 of AXIN1.
Predicted Reactive Species	Chicken
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	AXIN1 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	AXIN1 antibody can be used for detection of AXIN1 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunofluorescence starting at 20 ug/mL. For immunofluorescence start at 20

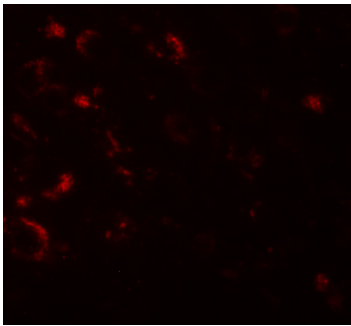
ug/mL.

Antibody validated: Western Blot 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.

Anti-Axin-1 AXIN1 Antibody (A00986) Images



Western blot analysis of AXIN1 in SK-N-SH cell lysate with AXIN1 antibody at 1 ug/mL.



Immunofluorescence of AXIN1 in human brain tissue with AXIN1 antibody at 20 ug/mL.

Submit a product review to [Biocompare.com](https://www.biocompare.com)

Submit a review of this product to [Biocompare.com](https://www.biocompare.com) to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Axin-1 AXIN1 Antibody

For Research Use Only. Not for use in diagnostic procedures.