

Anti-Catenin alpha-3 CTNNA3 Antibody

Catalog Number: A05039

About CTNNA3

Involved in the apoptotic response after nerve growth factor (NGF) binding in neuronal cells. Binds p75NTR and antagonizes its association with TrkA, inhibits cell cycle progression, and facilitates p75NTR-mediated apoptosis. May act as a regulator of the function of DLX family members. May regulate p53 transcriptional activity and inhibit cell proliferation. Enhances p53 phosphorylation and accumulation.

Zhao Z,et al.(2002) Sci China C Life Sci.45(4):412-20.

Shen WG,et al.(2007) Cell Commun Adhes.14(1):21-31.

Cheresh DA,et al. (1984) J Biol Chem.259(12):7453-9.

Overview

Product Name	Anti-Catenin alpha-3 CTNNA3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Catenin alpha-3 CTNNA3 Antibody catalog # A05039. Tested in WB,IHC,ICC/IF applications. This antibody reacts with Human,Mouse,Rat.
Application	IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9UI47

Technical Details

Immunogen	Peptide with sequence C-EAEARAEARNRMGIGDE derived from Mouse Melanoma-associated antigen D1.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-

specific immunogen and the purity is > 95% (by SDS-PAGE).

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

Anti-Catenin alpha-3 CTNNA3 Antibody (A05039) Images

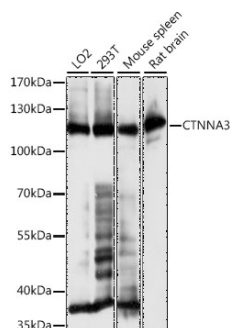


Figure 1. Western blotting validation for Anti-Catenin alpha-3 CTNNA3 Antibody A05039

Western blot analysis of extracts of various cell lines

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