

beta Catenin antibody [N1N2-2], N-term

Cat. No. GTX101435

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr, IHC-Wm, FCM, IP, ChIP assay, IHC
Reactivity	Human, Mouse, Rat, Zebrafish, Rabbit, Cat, Dog

References (62)

★★★★★ Review (7)

Package

100 µl, 25 µl

PRODUCT

Summary

Beta-catenin antibody recognizes beta-catenin protein, which acts as a cell adhesion factor as well as an effector of Wnt signaling pathway-driven transcription. Mutation or dysregulation of beta-catenin is associated with many diseases, including developmental disorders and cancers. There are a plethora of commercially available beta-catenin antibodies, among which GeneTex's beta-catenin antibody (GTX101435) is one of the most rigorously validated and widely cited for a number of applications.

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:20000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Fr	Assay dependent
IHC-Wm	Assay dependent
FCM	1:50-1:200
IP	1:50-1:100
ChIP assay	Assay dependent
IHC	Assay dependent

Not tested in other applications.

Calculated MW 85 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300

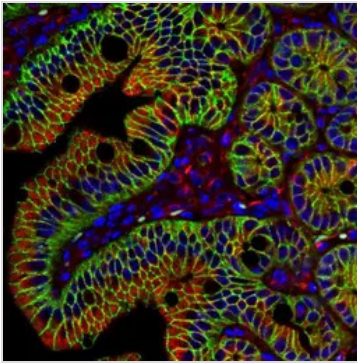


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Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.13 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the N-terminus region of human beta Catenin. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated
Note	<p>For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.</p> <p>Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.</p>

DATA IMAGES



GTX101435 IHC-P Image

beta Catenin antibody [N1N2-2] detects beta Catenin protein at cell membrane in mouse colon by immunohistochemical analysis.

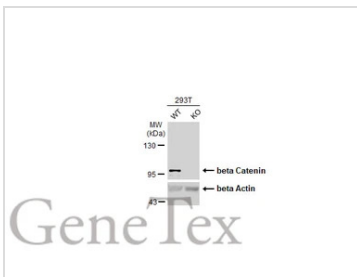
Sample: Paraffin-embedded mouse colon.

Green: beta Catenin antibody [N1N2-2] (GTX101435) diluted at 1:500.

Red: alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:500.

Blue: Hoechst 33342 staining.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX101435 WB Image

Wild-type (WT) and beta Catenin knockout (KO) 293T cell extracts (9 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with beta Catenin antibody [N1N2-2], N-term (GTX101435) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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