

Product Datasheet

beta-Catenin Antibody - BSA Free NBP1-89989

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-89989

beta-Catenin Antibody - BSA Free

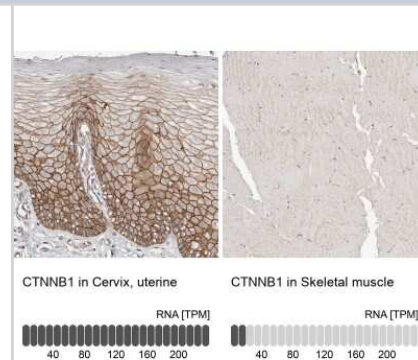
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	1499
Gene Symbol	CTNNB1
Species	Human, Mouse, Rat, Fish
Reactivity Notes	Fish reactivity reported in scientific literature (PMID: 25502575).
Marker	Epithelial Cell Marker, Adherens Junction Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SYLDSGIHSGATTTAPSLSGKGNPEEEDVDTSQVLYEWEQGFSSQSFTEQVA DIDGQYAMTRAQRVRAAMFPETLDEGMQIPSTQFDDAH

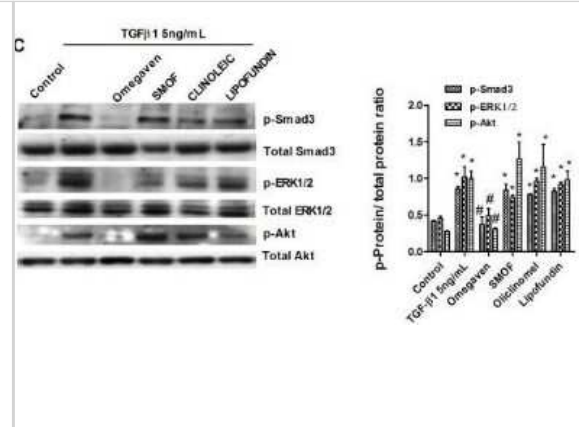
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

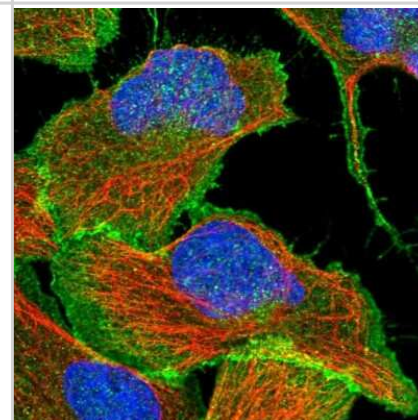
Immunohistochemistry-Paraffin: beta-Catenin Antibody [NBP1-89989] - Staining in human cervix, uterine and skeletal muscle tissues . Corresponding CTNNB1 RNA-seq data are presented for the same tissues.



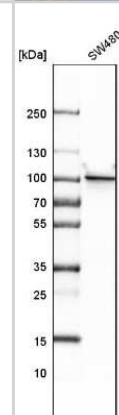
Western Blot: beta-Catenin Antibody [NBP1-89989] - Omegaven inhibits epithelial to mesenchymal transition induced by TGFbeta1. Human liver epithelial cell line THLE-3 was incubated in presence or absence of lipid emulsions Omegaven 10%, Lipofundin MCT/LCT 20%, ClinOleic 20% or SMOFlipid 20% at different dilutions, for 30 min followed by TGFbeta1 5 ng/mL stimulation for additional 72 hours 25 min. Phosphorylation of Smad3, ERK1/2 and Akt and nuclear expression of beta-Catenin. Representative western blot are showed and quantified in graphic bars. Results are expressed as means +/- SEM of six independent experiments. * $p < 0.05$ related to the control group. # $p < 0.05$ related to the stimulus. Image collected and cropped by CiteAb from the following publication (<https://dx.plos.org/10.1371/journal.pone.0115404>), licensed under a CC-BY license.



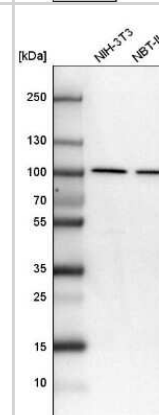
Immunocytochemistry/Immunofluorescence: beta-Catenin Antibody [NBP1-89989] - Staining of human cell line U-2 OS shows localization to plasma membrane. Antibody staining is shown in green.



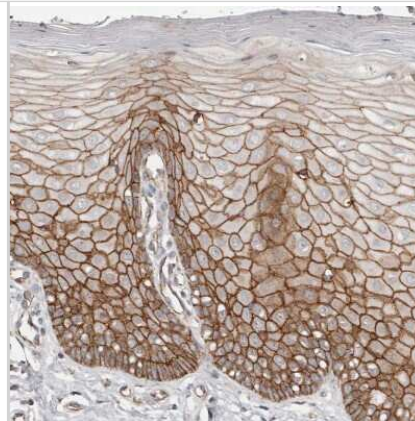
Western Blot: beta-Catenin Antibody [NBP1-89989] - Analysis in human cell line SW480.



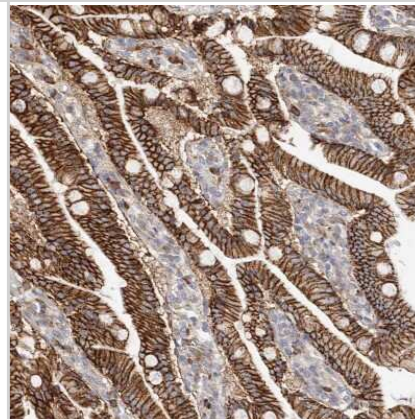
Western Blot: beta-Catenin Antibody [NBP1-89989] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



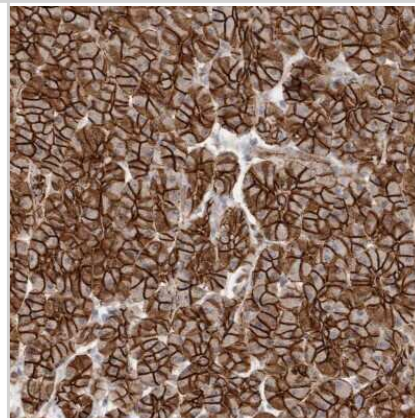
Immunohistochemistry-Paraffin: beta-Catenin Antibody [NBP1-89989] - Staining of human cervix, uterine shows moderate membranous positivity in squamous epithelial cells.



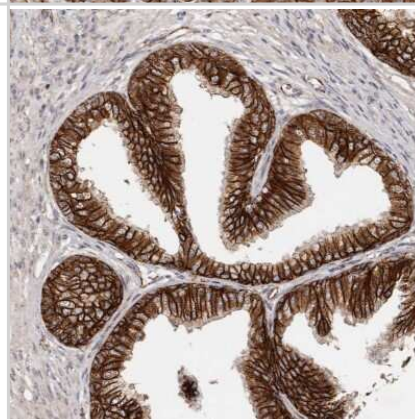
Immunohistochemistry-Paraffin: beta-Catenin Antibody [NBP1-89989] - Staining of human duodenum shows moderate membranous positivity in glandular cells.



Immunohistochemistry-Paraffin: beta-Catenin Antibody [NBP1-89989] - Staining of human pancreas shows moderate membranous positivity in exocrine glandular cells.



Immunohistochemistry-Paraffin: beta-Catenin Antibody [NBP1-89989] - Staining of human prostate shows moderate membranous positivity in glandular cells.



Immunohistochemistry-Paraffin: beta-Catenin Antibody [NBP1-89989] - Staining of human skeletal muscle shows weak positivity in myocytes.



Publications

Pomares, A Tumorspheres as an in vitro model for cancer stem-like cell characterization in non-small cell lung cancer. Prognostic implications. Thesis 2020-01-01 (WB)

Pastor-Clerigues Alfonso, Marti-Bonmati Ezequiel, Milara Javier et al. Anti-inflammatory and anti-fibrotic profile of fish oil emulsions used in parenteral nutrition-associated liver disease. PLoS One. 2014-12-12 [PMID: 25502575] (Fish)

Milara J, Peiro T, Serrano A et al. Simvastatin Increases the Ability of Roflumilast N-oxide to Inhibit Cigarette Smoke-Induced Epithelial to Mesenchymal Transition in Well-differentiated Human Bronchial Epithelial Cells in vitro. COPD. 2014-09-10 [PMID: 25207459]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-89989

NBP1-89989PEP	beta-Catenin Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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