

Product Datasheet

Catenin alpha 1 Antibody (1G5) - Chimeric - BSA Free NBP3-43549

Unit Size: 0.2 mg

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

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NBP3-43549

Catenin alpha 1 Antibody (1G5) - Chimeric - BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1G5
Preservative	0.02% Proclin 300
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

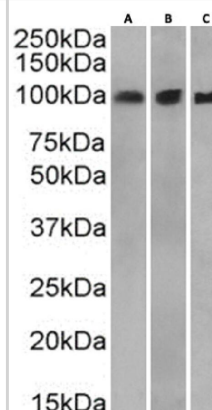
Product Description	
Description	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.
Host	Rabbit
Gene ID	1495
Gene Symbol	CTNNA1
Species	Human, Mouse
Specificity/Sensitivity	This antibody recognizes Catenin alpha 1 and binds to the domain between amino acids 135-226. alpha-catenin associates with the cytoplasmic domain of a variety of plasma membrane spanning cadherins that mediate cell-cell adhesion. The association of catenins to cadherins produces a complex that is linked to the actin filament network, which seems to be of primary importance for their cell-adhesion properties.
Immunogen	This antibody was raised by immunizing Balb/c mice with a 90 kDa MBP/Catenin alpha 1 fusion protein purified on an amylose column. (Uniprot# P35221)

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation

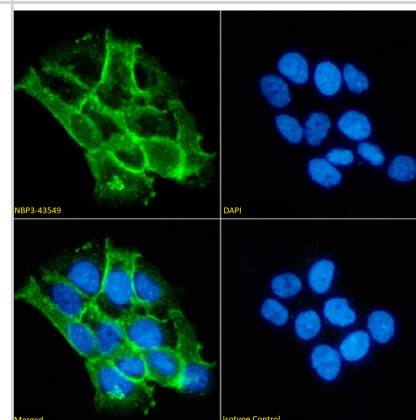


Images

Western Blot: Catenin alpha 1 Antibody (1G5) - Chimeric - BSA Free [NBP3-43549] - A431(A) (0.003ug/ml), HeLa(B) (0.03ug/ml) and MCF7 (C) (0.01ug/ml) cell lysate. (35ug protein in RIPA buffer) was resolved on a SDS PAGE gel and blots were probed with NBP3-43549 before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.



Immunocytochemistry /Immunofluorescence: Catenin alpha 1 Antibody (1G5) - Chimeric - BSA Free [NBP3-43549] - Immunofluorescence analysis of paraformaldehyde fixed A431 cells on Shi-fix coverslips stained with NBP3-43549 at 10 ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (2 ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP3-43549, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor 488 secondary antibody.





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 NBP3-43549

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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