

Product Datasheet

Catenin alpha 1 Antibody (1G5) - BSA Free NBP3-43548

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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NBP3-43548

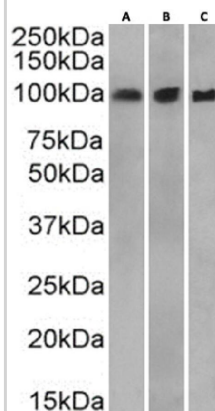
Catenin alpha 1 Antibody (1G5) - BSA Free

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	IgG1
Purity	Protein A purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Mouse Catenin alpha 1 Antibody (1G5) - BSA Free (NBP3-43492) is a recombinant monoclonal antibody validated for use in WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
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

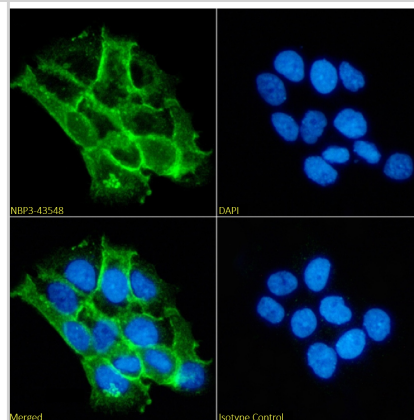


Images

Western Blot: Catenin alpha 1 Antibody (1G5) - BSA Free [NBP3-43548] - A431(A) (0.003 μ g/ml), HeLa(B) (0.03 μ g/ml) and MCF7(C) (0.01 μ g/ml) cell lysate. (35 μ g protein in RIPA buffer) was resolved on a SDS PAGE gel and blots were probed with NBP3-43548 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) - BSA Free [NBP3-43548] - Immunofluorescence analysis of paraformaldehyde fixed A431 cells on coverslips stained with NBP3-43548 at 10 μ g/ml for 1h followed by Alexa Fluor® 488 secondary antibody (2 μ g/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP3-43548, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor® 488 secondary antibody.





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Products Related to NBP3-43548

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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