

# Product Datasheet

## Catenin alpha 1 Antibody - BSA Free NB120-11346

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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**NB120-11346**

Catenin alpha 1 Antibody - BSA Free

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	IgG purified
<b>Buffer</b>	10mM PBS (pH 7.4)

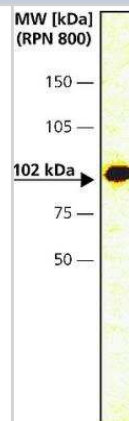
Product Description	
<b>Description</b>	Novus Biologicals Rabbit Catenin alpha 1 Antibody - BSA Free (NB120-11346) is a polyclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	1495
<b>Gene Symbol</b>	CTNNA1
<b>Species</b>	Human
<b>Reactivity Notes</b>	This sequence is identical in mouse and Xenopus alpha-E-catenin. It is not found in alpha-N-catenin, beta-catenin, and gamma-catenin.
<b>Specificity/Sensitivity</b>	Catenin alpha 1 recognizes alpha-E-catenin (102 kDa). Staining of the Catenin alpha 1 band in immunoblotting is specifically inhibited with the Catenin alpha 1 immunizing peptide (human, amino acids 873-887).
<b>Immunogen</b>	Synthetic peptide: EKQDETQTKIKRASQ conjugated to KLH, corresponding to amino acids 873-887 of Human Catenin alpha 1 Antibody.

Product Application Details	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Microarray
<b>Recommended Dilutions</b>	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:100, Microarray
<b>Application Notes</b>	WB: Detects a band of approximately 102 kDa.

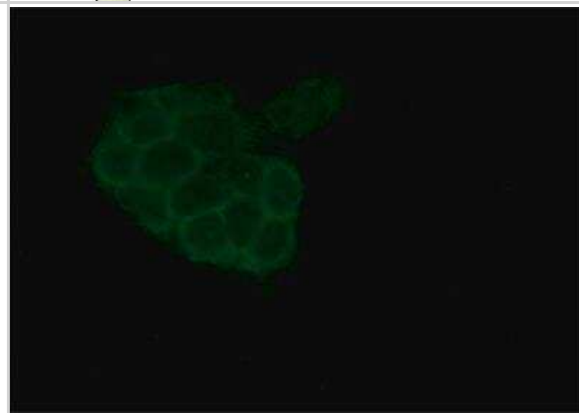


## Images

Western Blot: Catenin alpha 1 Antibody [NB120-11346] - Rat embryonic brain (S1) extract was separated on SDS-PAGE and probed with IGG FRACTION AB TO alpha-E-CATENIN (RB). The antibody was developed with HRP Anti-Rabbit IgG and an ECL substrate. Antibody dilution 1:2000.



Immunocytochemistry/Immunofluorescence: Catenin alpha 1 Antibody [NB120-11346] - MDCK Madin Darby Canine Kidney cells were fixed and permeabilized with methanol. Fixed cells were stained with 1:100 Anti-alpha-E-Catenin antibody produced in Rabbit. The antibody was developed using 1:500 Anti-Rabbit IgG (whole molecule)-FITC antibody produced in Goat.





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### **Products Related to NB120-11346**

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NBL1-09575	Catenin alpha 1 Overexpression Lysate
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

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### **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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