

Product Datasheet

beta-Catenin Antibody NBP2-44173-50ug

Unit Size: 50 ug

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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NBP2-44173-50ug

beta-Catenin Antibody

Product Information

Unit Size	50 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Product Description

Description	<p>The product was affinity purified from monospecific antiserum by immunoaffinity chromatography</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
Host	Rabbit
Gene ID	1499
Gene Symbol	CTNNB1
Species	Human, Zebrafish
Reactivity Notes	A BLAST analysis was used to suggest cross-reactivity with beta Catenin protein from human, mouse, rat, bovine, Xenopus laevis, and Danio rerio at 100% based on homology with the immunizing sequence. Reactivity against homologues from other sources is not known.
Immunogen	beta-Catenin Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to catenin beta-1 C-terminus. (Uniprot: F1QGH7)
Notes	<p>The product was affinity purified from monospecific antiserum by immunoaffinity chromatography</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>

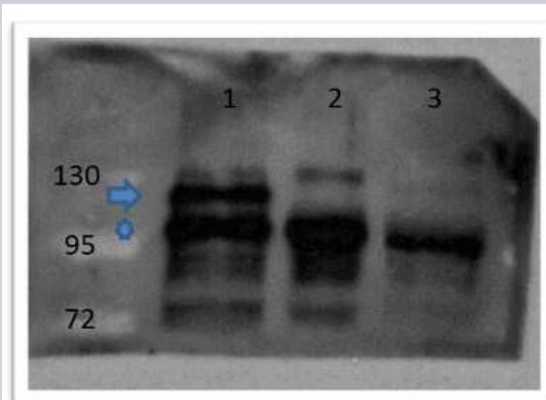
Product Application Details

Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, ELISA 1:75000-1:125000, Immunohistochemistry 5-10 ug/ml, Immunohistochemistry-Paraffin 5-10 ug/ml
Application Notes	This product has been tested for use in ELISA, western blotting, immunohistochemistry, and ISH. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 85.5 kDa in size corresponding to catenin beta-1 protein by western blotting in the appropriate cell lysate or extract.

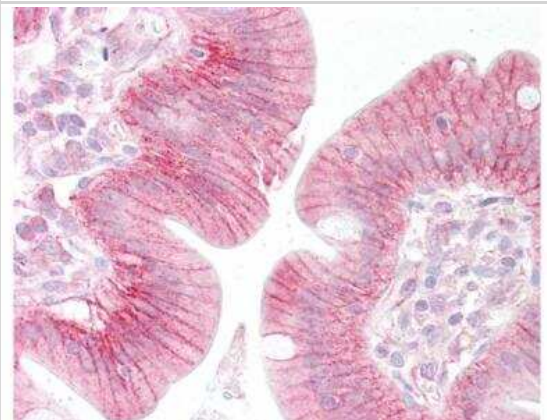


Images

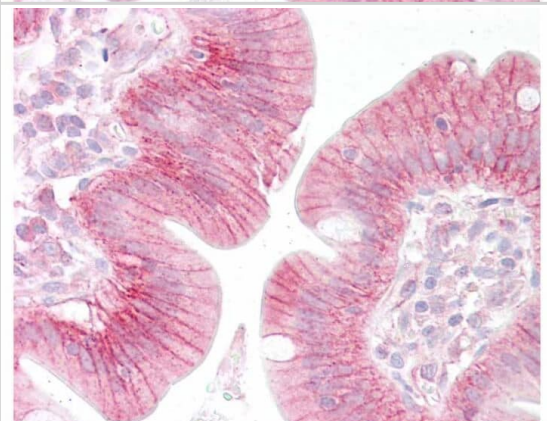
Western Blot: beta-Catenin Antibody [NBP2-44173] - lane 1: zebrafish embryos injected with myc tagged catenin β 1 mRNA Lane 2: zebrafish embryos injected with myc tagged catenin β 2 mRNA Lane 3: zebrafish embryos un-injected



Immunohistochemistry-Paraffin: beta-Catenin Antibody [NBP2-44173] - Staining of human small intestine epithelium.



Immunohistochemistry of Rabbit anti-beta Catenin antibody. Tissue: human small intestine epithelium. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: beta Catenin antibody at 5-10 ug/mL for 1 h at RT. Secondary antibody: Peroxidase goat anti-rabbit at 1:10,000 for 45 min at RT. Localization: Strong membranous staining in a variety of epithelial tissues. Staining: antibody as precipitated red signal with a hematoxylin purple nuclear counterstain.





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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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