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Datasheet for ABIN7265240

anti-beta Catenin antibody (pSer33, pSer37, pThr41)

6 Images

Overview

Quantity:	200 µL
Target:	beta Catenin (CATNB)
Binding Specificity:	pSer33, pSer37, pThr41
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This beta Catenin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthetic phosphorylated peptide around S33 & T41 of human beta Catenin (NP_001091679).
Isotype:	IgG
Characteristics:	Phosphorylated antibody
Purification:	Affinity purification

Target Details

Target:	beta Catenin (CATNB)
Alternative Name:	beta-catenin (CATNB Products)
Background:	The protein encoded by this gene is part of a complex of proteins that constitute adherens junctions (AJs). AJs are necessary for the creation and maintenance of epithelial cell layers by

Target Details

regulating cell growth and adhesion between cells. The encoded protein also anchors the actin cytoskeleton and may be responsible for transmitting the contact inhibition signal that causes cells to stop dividing once the epithelial sheet is complete. Finally, this protein binds to the product of the APC gene, which is mutated in adenomatous polyposis of the colon. Mutations in this gene are a cause of colorectal cancer (CRC), pilomatixoma (PTR), medulloblastoma (MDB), and ovarian cancer. Alternative splicing results in multiple transcript variants.

Molecular Weight:	Observed_MW: 85 kDa Calculated_MW: 9 kDa/85 kDa
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Gene ID:	1499
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UniProt:	P35222
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Pathways:	Peptide Hormone Metabolism
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Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:50-1:200
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	1 mg/mL
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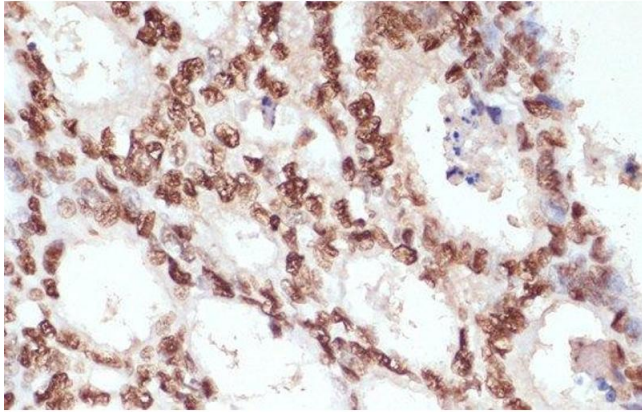
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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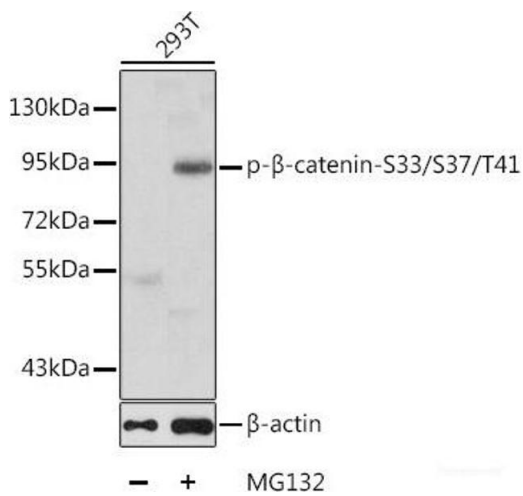
Storage:	-20 °C
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Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.
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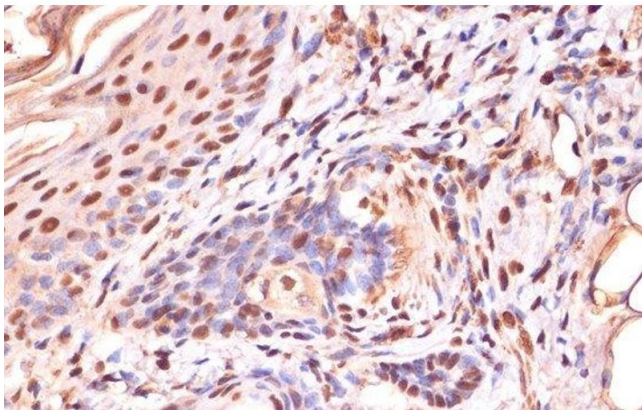
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human colon carcinoma using Phospho-β-catenin(S33/S37/T41) Polyclonal Antibody at dilution of 1:100 (40x lens).



Western Blotting

Image 2. Western blot analysis of extracts of 293T cells using Phospho-β-catenin(S33/S37/T41) Polyclonal Antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human skin using Phospho-β-catenin(S33/S37/T41) Polyclonal Antibody at dilution of 1:100 (40x lens).

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7265240.