

Phospho-Beta-Catenin-S33/S37/T41 Rabbit Polyclonal Antibody

CABP0524



Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

100kDa

Calculated MW:

9kDa/85kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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 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.

Immunogen information

Gene ID:

1499

Uniprot

P35222

Synonyms:

CTNNB; MRD19; armadillo; beta Catenin; CTNNB1

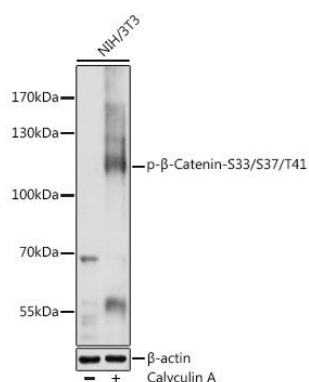
Immunogen:

A synthetic phosphorylated peptide around S33 & T41 of human beta Catenin (NP_001091679).

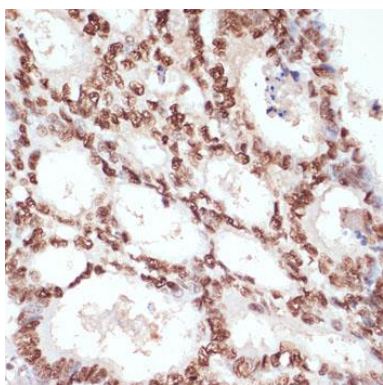
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

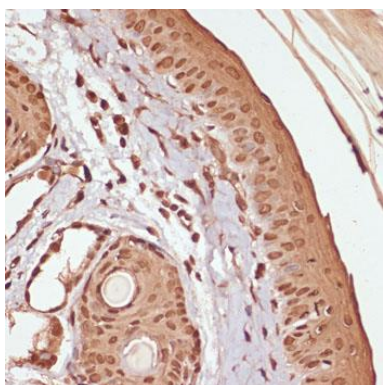
Product Images



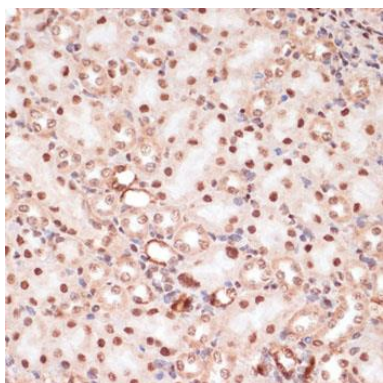
Western blot analysis of extracts of NIH/3T3 cells, using Phospho-beta-Catenin-S33/S37/T41 antibody (CABP0524) at 1:1000 dilution. NIH/3T3 cells were treated by Calyculin A (10ul) at 37°C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.



Immunohistochemistry of paraffin-embedded human colon carcinoma using Phospho-beta-Catenin-S33/S37/T41 antibody (CABP0524) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat skin using Phospho-beta-Catenin-S33/S37/T41 antibody (CABP0524) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using Phospho-b-Catenin-S33/S37/T41 antibody (CABP0524) at dilution of 1:100 (40x lens).