

Beta-Catenin Rabbit Polyclonal Antibody



CAB0316

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

Calculated MW:

9kDa/85kDa

Applications:

WB

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000

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 peptide corresponding to a sequence within amino acids 620-720 of human Beta-Catenin (NP_001895.1).

Storage:

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

Product Images
