# Phospho-β-Catenin-Y333 Rabbit pAb

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**ABclonal** 

Catalog No.: AP0337

## **Basic Information**

## **Observed MW**

85kDa

#### **Calculated MW**

85kDa

## Category

Primary antibody

## **Applications**

WB

#### **Cross-Reactivity**

Human

# **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), pilomatrixoma (PTR), medulloblastoma (MDB), and ovarian cancer. Alternative splicing results in multiple transcript variants.

# **Recommended Dilutions**

**WB** 

1:500 - 1:2000

# Immunogen Information

Gene ID Swiss Prot

1499 P35222

#### **Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

## **Synonyms**

EVR7; CTNNB; MRD19; NEDSDV; armadillo; Phospho-β-Catenin-Y333

## **Contact**

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## **Product Information**

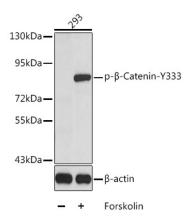
SourceIsotypePurificationRabbitIgGAffinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

# **Validation Data**



Western blot analysis of lysates from 293 cells, using Phospho- $\beta$ -Catenin-Y333 Rabbit pAb (AP0337). Secondary antibody: HRP-conjugated Goat anti-Rabbit lgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 $\mu$ g per lane. Blocking buffer: 3% BSA.