

## Rabbit CTNNB1 Polyclonal Antibody | anti-CTNNB1 antibody

CTNNB1 Polyclonal Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA280815</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

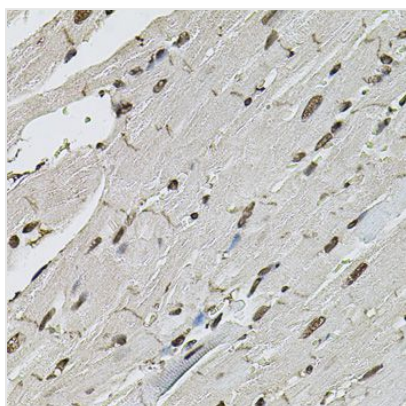
### PRODUCT SYNONYMS

CTNNB1; Polyclonal Antibody; CTNNB1 Polyclonal Antibody; CTNNB; MRD19; armadillo; anti-CTNNB1 antibody

### PRODUCT SPECIFICATIONS

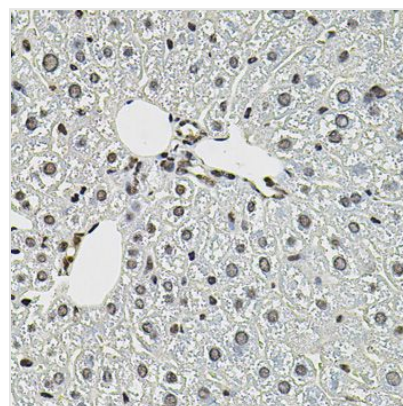
|                                                  |                                                   |
|--------------------------------------------------|---------------------------------------------------|
| Host                                             | Rabbit                                            |
| Reactivity                                       | Human, Mouse, Rat                                 |
| Clonality                                        | Polyclonal                                        |
| Isotype                                          | IgG                                               |
| Purity/Purification                              | Affinity Purification                             |
| Sequence Length                                  | 781                                               |
| Applicable Applications for anti-CTNNB1 antibody | IHC (Immunohistochemistry), WB (Western Blot)     |
| Immunogen                                        | A synthetic peptide of human CTNNB1               |
| Storage Buffer                                   | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| Preparation and Storage                          | Store at -20 degree C. Avoid freeze/thaw cycles.  |

### IMAGES



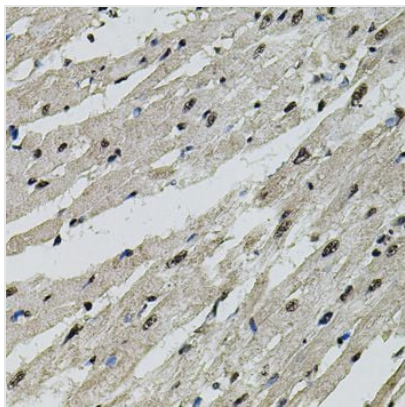
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse heart using CTNNB1 antibody at dilution of 1:100 (40x lens).



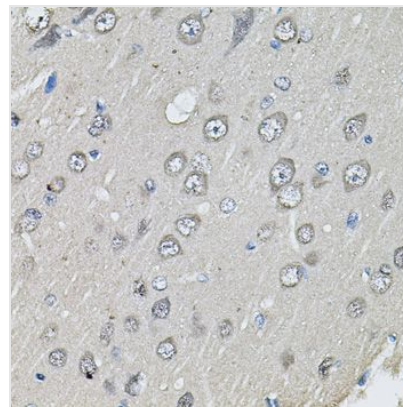
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse liver using CTNNB1 antibody at dilution of 1:100 (40x lens).



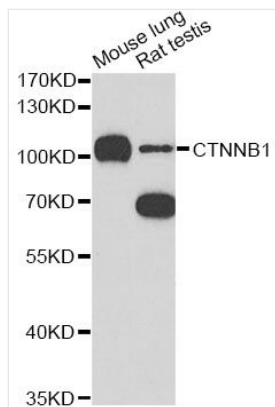
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat heart using CTNNB1 antibody at dilution of 1:100 (40x lens).



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using CTNNB1 antibody at dilution of 1:100 (40x lens).



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CTNNB1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

## ADDITIONAL INFORMATION

#### Related Product Information for anti-CTNNB1 antibody

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.

#### Product Categories/Family for anti-CTNNB1 antibody

Primary antibody

## NCBI AND UNIPROT INFORMATION

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI GI #                        | 461854                                 |
| NCBI GeneID                      | 1499                                   |
| UniProt Accession #              | P35222; Q8NEW9; Q8NI94; Q9H391; A8K1L7 |
| Molecular Weight                 | 85kDa                                  |
| NCBI Official Full Name          | Catenin beta-1                         |
| NCBI Official Synonym Full Names | catenin beta 1                         |

|                               |                         |
|-------------------------------|-------------------------|
| NCBI Official Symbol          | CTNNB1                  |
| NCBI Official Synonym Symbols | CTNNB; MRD19; armadillo |
| NCBI Protein Information      | catenin beta-1          |
| UniProt Protein Name          | Catenin beta-1          |
| UniProt Gene Name             | <b>CTNNB1</b>           |
| UniProt Synonym Gene Names    | CTNNB                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ctnnb1-antibody-immunohistochemistry-western-blot-elisa/280815>