

# [KO Validated] Alpha-Catenin Rabbit Polyclonal Antibody

## CAB5635



### Product Information

**Size:**

20uL, 50uL, 100uL, 200uL

**Observed MW:**

115kDa

**Calculated MW:**

59kDa/100kDa/102kDa

**Applications:**

WB IHC IP

**Reactivity:**

Human, Mouse, Rat

### Protein Background

This gene encodes a member of the catenin family of proteins that play an important role in cell adhesion process by connecting cadherins located on the plasma membrane to the actin filaments inside the cell. The encoded mechanosensing protein contains three vinculin homology domains and undergoes conformational changes in response to cytoskeletal tension, resulting in the reconfiguration of cadherin-actin filament connections. Certain mutations in this gene cause butterfly-shaped pigment dystrophy.

### Immunogen information

**Gene ID:**

1495

**Uniprot**

P35221

**Synonyms:**

CAP102; MDPT2; Catenin alpha 1; CTNNA1

### Antibody Information

**Recommended dilutions:**

WB 1:500 - 1:2000 IHC 1:50  
- 1:200 IP 1:50 - 1:100

**Source:**

Rabbit

**Isotype:**

IgG

**Purification:**

Affinity purification

**Immunogen:**

Recombinant fusion protein containing a sequence corresponding to amino acids 637-906 of human Alpha-Catenin (NP\_001894.2).

**Storage:**

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

## Product Images

