

RK05640

Leader in Biomolecular Solutions for Life Science



## [One Step] CTNNA1 Antibody Kit

Catalog No.: RK05640

### Basic Information

#### Applications

#### Cross-Reactivity

Human, Mouse, Rat

#### Observed MW

115kDa

#### Calculated MW

100kDa

#### Category

Antibody kit

### 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.

### Product Information

#### Source

Rabbit

#### Purification

#### Storage

Avoid repeated freeze-thaw cycles.

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Component & Recommended Dilutions

Catalog No.	Product Name	Dilutions
RK05640-1	[KO Validated] $\alpha$ -Catenin Rabbit pAb	100kDa
RK05640-2	HRP-conjugated Goat anti-Rabbit IgG (H+L)	115kDa

### Immunogen Information

#### Gene ID

1495

#### Swiss Prot

P35221

#### Immunogen

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

#### Synonyms

MDBS2; MDPT2; CAP102; in