

### 35-1649: Polyclonal Antibody to Alpha-catenin (Ab-641)

|                                |                                                                                       |
|--------------------------------|---------------------------------------------------------------------------------------|
| <b>Clonality :</b>             | Polyclonal                                                                            |
| <b>Application :</b>           | WB                                                                                    |
| <b>Reactivity :</b>            | Human, Mouse                                                                          |
| <b>Gene :</b>                  | CTNNA1                                                                                |
| <b>Gene ID :</b>               | 1495                                                                                  |
| <b>Uniprot ID :</b>            | P35221                                                                                |
| <b>Format :</b>                | Purified                                                                              |
| <b>Alternative Name :</b>      | Cadherin-associated protein, Alpha E-catenin, NY-REN-13 antigen                       |
| <b>Isotype :</b>               | Rabbit IgG                                                                            |
| <b>Immunogen Information :</b> | Peptide sequence around aa. 639~643 (D-D-S-D-F) derived from Human $\alpha$ -catenin. |

#### Description

Associates with the cytoplasmic domain of a variety of cadherins. The association of catenins to cadherins produces a complex which is linked to the actin filament network, and which seems to be of primary importance for cadherins cell-adhesion properties. May play a crucial role in cell differentiation.

#### Product Info

|                            |                                                                                                                                                |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Amount :</b>            | 50 $\mu$ l / 100 $\mu$ l                                                                                                                       |
| <b>Content :</b>           | Supplied at 1.0mg/mL in phosphate buffered saline (without $Mg^{2+}$ and $Ca^{2+}$ ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| <b>Storage condition :</b> | Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.                  |

#### Application Note

Predicted MW: 100kd, Western blotting: 1:500~1:1000

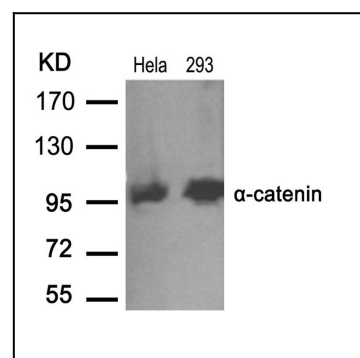


Figure 1: Western blot analysis of extracts from HeLa and 293 cells using  $\alpha$ -catenin(Ab-641) Antibody 35-1649 .