

Catenin- $\alpha$ 1 (phospho Ser641) Polyclonal Antibody

Catalog No: #14005



Package Size: #14005-1 50ul #14005-2 100ul

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## Description

|                       |  |
|-----------------------|--|
| Product Name          | Catenin- $\alpha$ 1 (phospho Ser641) Polyclonal Antibody   |
| Host Species          | Rabbit   |
| Purification          | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                |
| Applications          | IHC-p,IF(paraffin section),ELISA   |
| Species Reactivity    | Human,Mouse,Rat  |
| Specificity           | Phospho-Catenin- $\alpha$ 1 (S641) Polyclonal Antibody detects endogenous levels of Catenin- $\alpha$ 1 protein only when phosphorylated at S641.    |
| Immunogen Description | The antiserum was produced against synthesized peptide derived from human Catenin-alpha1 around the phosphorylation site of Ser641. AA range:607-656 |
| Other Names           | CTNNA1; Catenin alpha-1; Alpha E-catenin; Cadherin-associated protein; Renal carcinoma antigen NY-REN-13   |
| Accession No.         | Swiss Prot:P35221GenelD:1495   |
| Uniprot               | P35221   |
| GenelD                | 1495   |
| Concentration         | 1 mg/ml  |
| Formulation           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| Storage               | -20°C/1  |

## Application Details

WB 1:500-2000 ,Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

## Background

catenin alpha 1(CTNNA1) Homo sapiens 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. [provided by RefSeq, May 2016],

Note: This product is for in vitro research use only