

Catenin- α 1 (phospho Ser641) Polyclonal Antibody

Catalog No: #14005

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

Description

Product Name	Catenin- α 1 (phospho Ser641) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
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- α 1 (S641) Polyclonal Antibody detects endogenous levels of Catenin- α 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
Conjugates	Unconjugated
Other Names	CTNNA1; Catenin alpha-1; Alpha E-catenin; Cadherin-associated protein; Renal carcinoma antigen NY-REN-13
Accession No.	Swiss Prot:P35221GeneID: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 and is not intended for use in humans or animals.