Datasheet for ABIN7138670

anti-CTNNA1 antibody (pSer641)

2 Images

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Overview

Quantity:	100 µL
Target:	CTNNA1
Binding Specificity:	pSer641
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CTNNA1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Peptide sequence around phosphorylation site of serine 641 (D-D-S(p)-D-F) derived from Human a-catenin.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy usi

Target Details

Target:	CTNNA1
Alternative Name:	CTNNA1 (CTNNA1 Products)

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Target Details

Background:	Background: 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. Hwang, S.G. et al. (2005) J. Biol. Chem. 280, 12758-12765 Drees, F. et al. (2005) Cell 123, 903-915. Yamada, S. et al. (2005) Cell 123, 889-901. Kobielak, A. and Fuchs, E. (2004) Nat. Rev. Mol. Cell Biol. 5, 614-625. Aliases: Alpha E-catenin antibody, Cadherin associated protein 102 kDa antibody, Cadherin associated protein antibody, Cadherin-associated protein antibody, CAP 102 antibody, CAP102 antibody, Catenin (cadherin associated protein) alpha 1 102 kDa antibody, Catenin (cadherin associated protein), alpha 1, 102 kDa antibody, Catenin alpha 1 antibody, Catenin alpha-1 antibody, CTNA1_HUMAN antibody, CTNNA 1 antibody, Ctnna1 antibody, FLJ36832 antibody, FLJ52416 antibody, MDPT2 antibody, NY REN 13 antigen antibody, OTTHUMP00000224141 antibody, OTTHUMP00000224147 antibody, Renal carcinoma antigen NY REN 13 antibody, Renal carcinoma antigen NY-REN-13 antibody
UniProt:	P35221
Pathways:	Regulation of Muscle Cell Differentiation, Cell-Cell Junction Organization, Maintenance of Protein Location

Application Details

Application Notes:	WB:1:500-1:1000,
Restrictions:	For Research Use only

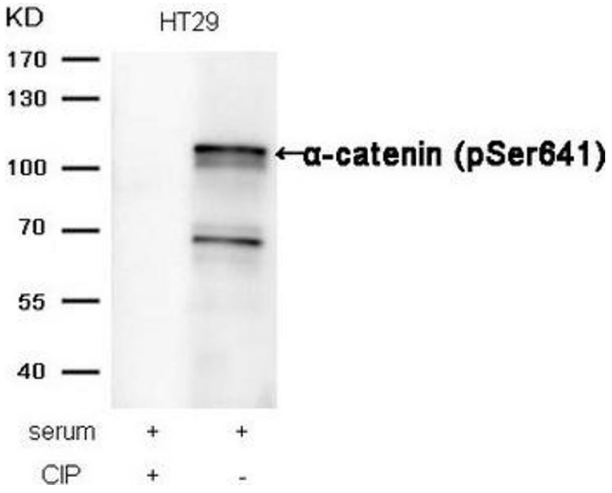
Handling

Format:	Liquid
Buffer:	Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

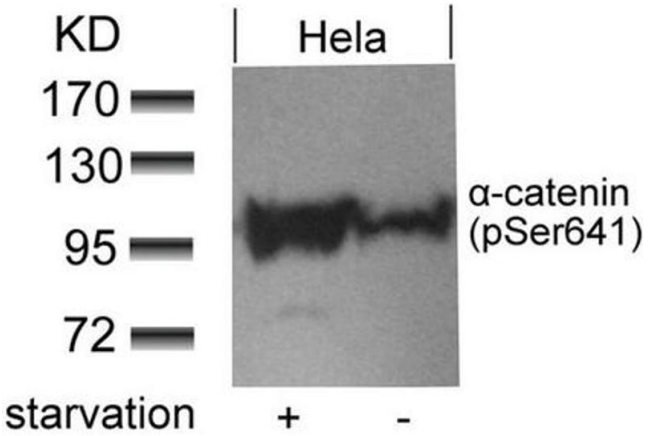
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Western Blotting

Image 1. Western blot analysis of extracts from HT29 cells, treated with serum or calf intestinal phosphatase (CIP), using α-catenin (Phospho-Ser641) Antibody.



Western Blotting

Image 2. Western blot analysis of extracts from Hela cells untreated or treated with starvation using a-catenin(Phospho-Ser641) antibody.