G-Biosciences Image not found or type unknown

Immunotag™ Phospho-E-Catenin (Ser655/Thr658) Antibody

Antibody Specification

Catalog No.	ITA3873
Product Description	Immunotag™ Phospho-E-Catenin (Ser655/Thr658) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Phospho-E-Catenin (Ser655/Thr658)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:1000-3000
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human Phospho-E-Catenin (Ser655/Thr658)
Specificity	Phospho-E-Catenin (Ser655/Thr658) Antibody detects endogenous levels of E-Catenin only when phosphorylated at Ser655/Thr658
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	CTNNA1
Accession No.	P35221

Antibody Specification

Alternate Names	Alpha E-catenin; Cadherin associated protein 102kDa; Cadherin associated protein; Cadherin-associated protein; CAP 102; CAP102; Catenin (cadherin associated protein) alpha 1 102kDa; Catenin (cadherin associated protein), alpha 1, 102kDa; Catenin alpha 1; Catenin alpha-1; CTNA1_HUMAN; CTNNA 1; Ctnna1; FLJ36832; FLJ52416; MDPT2; NY REN 13 antigen; OTTHUMP00000224141; OTTHUMP00000224147; Renal carcinoma antigen NY REN 13; Renal carcinoma antigen NY-REN-13;
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. Can associate with both E- and N-cadherins. Originally believed to be a stable component of E-cadherin/catenin adhesion complexes and to mediate the linkage of cadherins to the actin cytoskeleton at adherens junctions. In contrast, cortical actin was found to be much more dynamic than E-cadherin/catenin complexes and CTNNA1 was shown not to bind to F-actin when assembled in the complex suggesting a different linkage between actin and adherens junctions components. The homodimeric form may regulate actin filament assembly and inhibit actin branching by competing with the Arp2/3 complex for binding to actin filaments. May play a crucial role in cell differentiation.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	100KD
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.

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