

Nur für Forschungszwecke

Phospho-Beta Catenin (Ser675) Rekombinanter Antikörper



Katalog-Nr.: 80084-1-RR

1 Publikationen

Allgemeine Informationen

Katalog-Nr.: 80084-1-RR	GenBank-Zugangsnummer: BC058926	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul, Konzentration: 1000 µg/ml von 1499	GeneID (NCBI): von 1499	CloneNo.: 6D6
Nanodrop:	Vollständiger Name: catenin (cadherin-associated protein), WB 1:5000-1:50000	Empfohlene Verdünnungen:
Wirt: Kaninchen	Berechnete Masse: beta 1, 88kDa	
Isotyp: IgG	Beobachtete Masse: 781 aa, 86 kDa	
	Beobachtete Masse: 90-100 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB: HEK-293-Zellen, Mit λ-Phosphatase behandelte NIH/3T3-Zellen
In Publikationen genannte Anwendungen: WB	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Maus	

Hintergrundinformationen

β-Catenin, also known as CTNNB1, is an evolutionarily conserved, multifunctional intracellular protein. β-Catenin was originally identified in cell adhesion junctions (AJs) where it functions to bridge the cytoplasmic domain of cadherins to α-catenin and the actin cytoskeleton. Besides its essential role in the AJs, β-catenin is also a key downstream component of the canonical Wnt pathway that plays diverse and critical roles in embryonic development and adult tissue homeostasis. The Wnt/β-catenin pathway is also involved in the activation of other intracellular messengers such as calcium fluxes, JNK, and SRC kinases. Deregulation of β-catenin activity is associated with multiple diseases including cancers. (PMID: 22617422; 18334222). PKA was shown to phosphorylate β-catenin at Ser675. Phosphorylation at Ser675 induces β-catenin accumulation in the nucleus and increases its transcriptional activity.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Nan Yang	35682866	Int J Mol Sci	WB

Lagerung

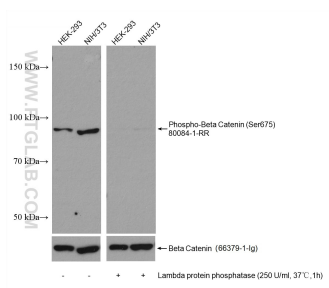
Lagerungsbedingungen:
Bei -20°C lagern.
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

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Ausgewählte Validierungsdaten



Lambda protein phosphatase treated HEK-293 and NIH/3T3 and Non-treated HEK-293 and NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 80084-1-RR (Phospho-Beta Catenin (Ser675) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was re-blotted with Beta Catenin antibody 66379-1-Ig as control.