BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Phospho-beta-catenin (Ser33/37) Antibody

Catalog Number: M00004-4

About CTNNB1

Key downstream component of the canonical Wnt signaling pathway. In the absence of Wnt, forms a complex with AXIN1, AXIN2, APC, CSNK1A1 and GSK3B that promotes phosphorylation on N-terminal Ser and Thr residues and ubiquitination of CTNNB1 via BTRC and its subsequent degradation by the proteasome. In the presence of Wnt ligand, CTNNB1 is not ubiquitinated and accumulates in the nucleus, where it acts as a coactivator for transcription factors of the TCF/LEF family, leading to activate Wnt responsive genes. Involved in the regulation of cell adhesion. Acts as a negative regulator of centrosome cohesion. Involved in the CDK2/PTPN6/CTNNB1/CEACAM1 pathway of insulin internalization. Blocks anoikis of malignant kidney and intestinal epithelial cells and promotes their anchorage-independent growth by down-regulating DAPK2. Disrupts PML function and PML-NB formation by inhibiting RANBP2-mediated sumoylation of PML (PubMed:17524503, PubMed:18077326, PubMed:18086858, PubMed:18957423, PubMed:21262353, PubMed:22647378, PubMed:22699938, PubMed:22155184). Promotes neurogenesis by maintaining sympathetic neuroblasts within the cell cycle (By similarity).

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Overview

Product Name	Anti-Phospho-beta-catenin (Ser33/37) Antibody
Reactive Species	Human
Description	Boster Bio Anti-Phospho-beta-catenin (Ser33/37) Antibody (Catalog # M00004-4). Tested in WB application(s). This antibody reacts with Human.
Application	WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P35222

Technical Details

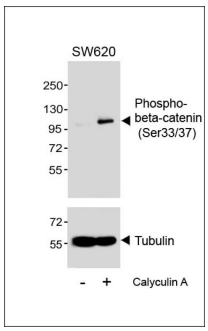
Immunogen	This Phospho-beta-catenin (Ser33/37) antibody is generated from a rabbit immunized with a KLH

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	conjugated synthetic peptide between 19-41 amino acids from human beta-catenin .
Predicted Reactive Species	Bovine, Mouse, Rat, Xenopus, Zebrafish
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:1000

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Anti-Phospho-beta-catenin (Ser33/37) Antibody (M00004-4) Images



Western blot analysis of extracts from SW620 cells, untreated or treated with Calyculin A, (100nM, 30min), using Phospho-beta-catenin (Ser33/37) Antibody.

Anti-Phospho-beta-catenin (Ser33/37) Antibody

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