

Product Datasheet

CTNNB1 Antibody (N-term) (orb106921)

Catalog Number	orb106921
Category	Antibodies
Description	<p>Rabbit polyclonal to 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.</p>
Target	CTNNB1
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human
Predicted Reactivity	Mouse, Other, Rat, Zebrafish
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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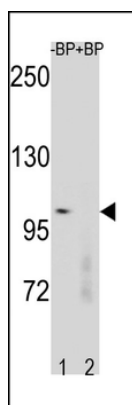
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Immunogen	Synthetic Peptide
UniProt ID	P35222
MW	85497
Tested applications	WB
Dilution range	WB - 1:1000
Antibody Type	Primary Antibody
Clone Number	BTD63379
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
NCBI	NP_001895.1, NP_001091680.1, NP_001091679.1
Expiration Date	12 months from date of receipt.



Western blot analysis of CTNNB1 Antibody (N-term) Pab pre-incubated without (lane 1) and with (lane 2) blocking peptide in human placenta tissue lysate. CTNNB1 Antibody (N-term) (arrow) was detected using the purified Pab.

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