

Product Datasheet

CTNNB1 Antibody (N-term) (orb106921)

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| 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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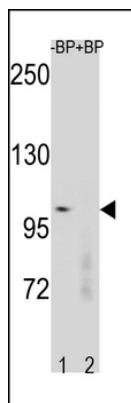
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|----------------------------|--|
| Immunogen | Synthetic Peptide |
| UniProt ID | P35222 |
| MW | 85497 |
| Tested applications | WB |
| Dilution range | WB: 1:1000 |
| Antibody Type | Primary Antibody |
| Clone Number | RB41157 |
| Storage | Maintain 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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