

## anti- CTNNB1 antibody

### Product Information

Catalog No.:	CAF50433
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

The protein encoded by this gene is part of a complex of proteins that constitute adherens junctions (AJs). AJs are necessary for the creation and maintenance of epithelial cell layers by regulating cell growth and adhesion between cells. The encoded protein also anchors the actin cytoskeleton and may be responsible for transmitting the contact inhibition signal that causes cells to stop dividing once the epithelial sheet is complete. Finally, this protein binds to the product of the APC gene, which is mutated in adenomatous polyposis of the colon. Mutations in this gene are a cause of colorectal cancer (CRC), pilomatixoma (PTR), medulloblastoma (MDB), and ovarian cancer. Alternative splicing results in multiple transcript variants.

### Immunogen information

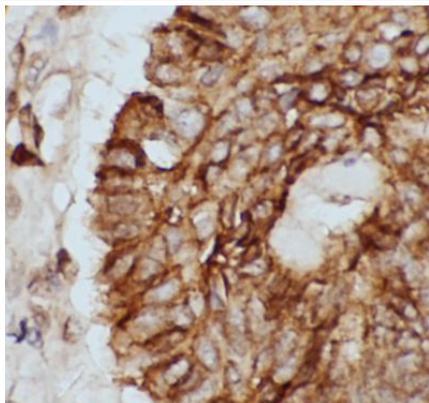
Immunogen:	catenin(cadherin-associated protein), beta 1, 88kDa
Synonyms:	b cat, Beta catenin, beta-Catenin, Catenin beta 1, CTNNB, CTNNB1, PRO2286, β catenin, β-catenin
Observed MW:	90 kDa
Uniprot ID :	P35222

### Application

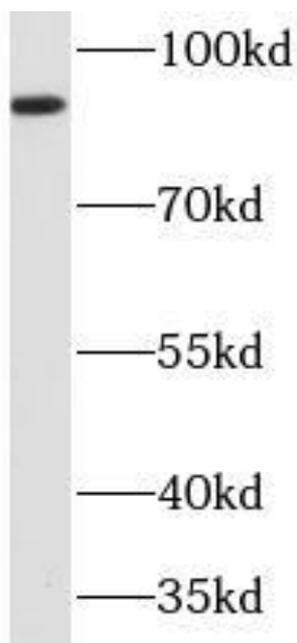
Reactivity:	Human, Mouse
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:500-1:2000; IHC: 1:20-1:200
Image:	

**This Antibody is for Research Use Only. Not for Diagnostic Procedures.**

This is a sample Antibody manual only. Always refer to the hard copy manual included in the Antibody for your experiment.



Immunohistochemistry of paraffin-embedded human liver cancer tissue slide using CAF50433(CTNNB1 Antibody) at dilution of 1:200



mouse heart tissue were subjected to SDS PAGE followed by western blot with CAF50433(CTNNB1 antibody) at dilution of 1:1000

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