

anti- beta-Catenin antibody

Product Information

Catalog No.:	FNab00882
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

1

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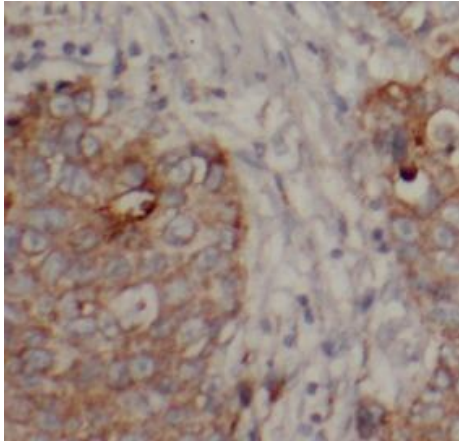
www.fn-test.com

Reactivity: Human, Mouse, Rat, Pig

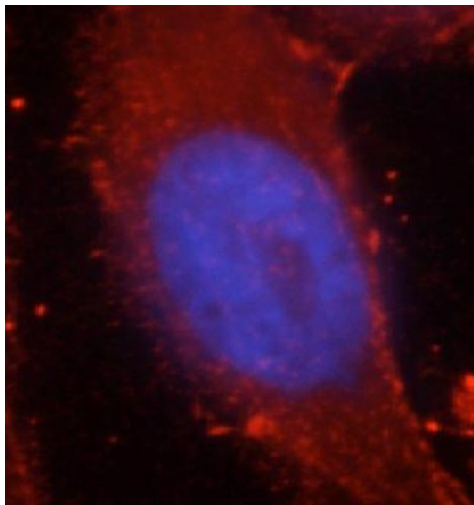
Tested Application: ELISA, IF, WB, IHC, IP

Recommended dilution: WB: 1:1000-1:4000; IP: 1:500-1:1000; IHC: 1:100-1:400; IF: 1:20-1:200

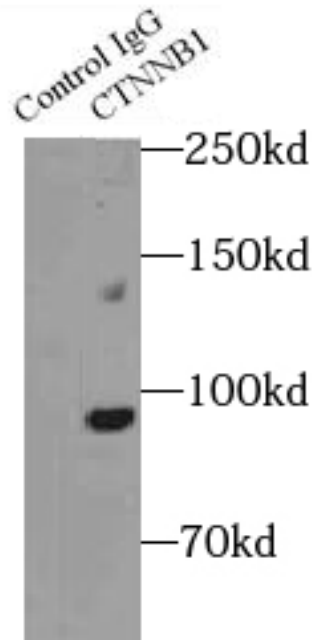
Image:



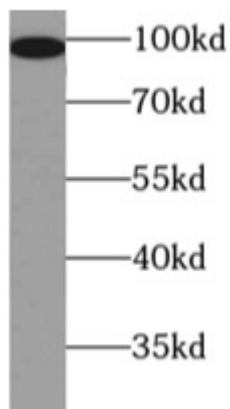
Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using FNab00882(B-catenin Antibody) at dilution of 1:200



Immunofluorescent analysis of HepG2 cells, using FNab00882(B-catenin Antibody) at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



IP Result of anti-beta-Catenin (IP: FNab00882, 4ug; Detection: FNab00882 1:500) with mouse liver tissue lysate 3200ug.



mouse lung tissue were subjected to SDS PAGE followed by western blot with FNab00882(beta-catenin antibody) at dilution of 1:1000