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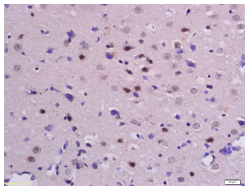
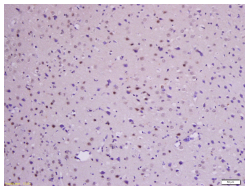
Phospho-Beta catenin (Ser33 + Ser37) Rabbit pAb

Catalog Number:	bs-3084R
Target Protein:	Phospho-Beta catenin (Ser33 + Ser37)
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), Flow-Cyt (0.2μg /test)
Reactivity:	Human, Mouse, Rat (predicted:Rabbit, Pig, Chicken)
Predicted MW:	86 kDa
Subcellular Locations:	Cell membrane ,Cytoplasm ,Nucleus
Entrez Gene:	1499
Swiss Prot:	P35222
Source:	KLH conjugated Synthesised phosphopeptide derived from human Beta-Catenin around the phosphorylation site of Ser33/37: LD(p-S)GIH(p-S)GA.
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. 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), pilomatrixoma (PTR), medulloblastoma (MDB), and ovarian cancer. Three transcript variants encoding the same protein have been found for this gene.[provided by RefSeq, Oct 2009].

VALIDATION IMAGES



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-Phospho-Beta-Catenin (Ser33+37) Polyclonal Antibody, Unconjugated(bs-3084R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



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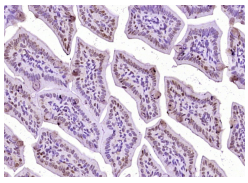
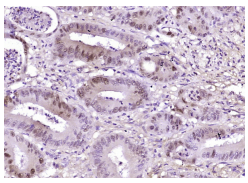
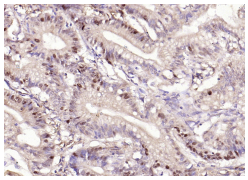


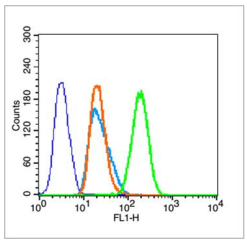
Paraformaldehyde-fixed, paraffin embedded (mouse intestine tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Beta-Catenin (Ser33 + Ser37)) Polyclonal Antibody, Unconjugated (bs-3084R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Beta-Catenin (Ser33 + Ser37)) Polyclonal Antibody, Unconjugated (bs-3084R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Phospho-Beta-Catenin (Ser33 + Ser37)) Polyclonal Antibody, Unconjugated (bs-3084R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Blank control (blue line): Hela (fixed with 70% ethanol (Overnight at 4°C) and then permeabilized with 90% ice-cold methanol for 30 min on ice). Primary Antibody (green line): Rabbit Anti-Phospho-Beta-Catenin (Ser33+37) antibody (bs-3084R),Dilution:0.2μg /10^6 cells. Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody (white blue line): Goat anti-rabbit IgG-FITC,Dilution: 1μg /test.

PRODUCT SPECIFIC PUBLICATIONS

[IF=5.5] Wang Y et al. High Concentration of Aspirin Induces Apoptosis in Rat Tendon Stem Cells via Inhibition of the Wnt/β-Catenin Pathway. (2018) Cell Physiol Biochem;50(6):2046-2059. WB ; Rat . 30415260

[IF=3.04] Ma W et al. A vanillin derivative suppresses the growth of HT29 cells through the Wnt/β-catenin signaling pathway. Eur J Pharmacol. 2019 Apr 15;849:43-49. WB ; Human . 30707959