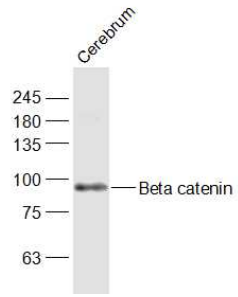
www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

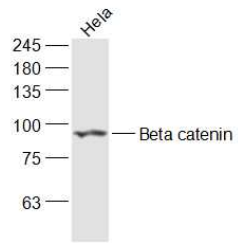
Beta catenin Rabbit pAb

Catalog Number:	bs-23663R
Target Protein:	Beta catenin
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	**WB** (1:500-2000), **IHC-P** (1:100-500), **IHC-F** (1:100-500), **IF** (1:100-500)
Reactivity:	Human, Mouse, Rat (predicted: Rabbit, Pig, Sheep, Cow, Zebrafish, Chicken, Dog, Horse)
Predicted MW:	86 kDa
Subcellular Locations:	Cell membrane ,Cytoplasm ,Nucleus
Entrez Gene:	1499
Swiss Prot:	P35222
Source:	KLH conjugated synthetic peptide derived from human Beta catenin: 701-781/781.
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].

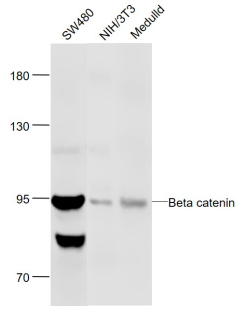
VALIDATION IMAGES



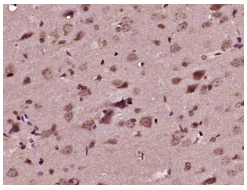
Sample: Cerebrum (Mouse) Lysate at 40 ug Primary: Anti-Beta catenin (bs-23663R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 86 kD Observed band size: 86 kD



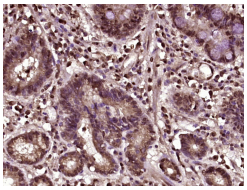
Sample: Hela(Human) Cell Lysate at 30 ug Primary: Anti-Beta catenin (bs-23663R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 86 kD Observed band size: 86 kD



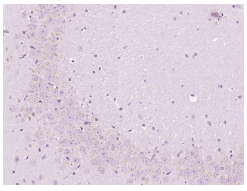
Sample: SW480(Human) Cell Lysate at 30 ug NIH/3T3(Mouse) Cell Lysate at 30 ug Medulld(Mouse) Lysate at 40 ug Primary: Anti-Beta catenin (bs-23663R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 92 kD Observed band size: 92 kD



Paraformaldehyde-fixed, paraffin embedded (rat brain 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) Polyclonal Antibody, Unconjugated (bs-23663R) 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 gastric 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) Polyclonal Antibody, Unconjugated (bs-23663R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat brain); 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) Polyclonal Antibody, Unconjugated (bs-23663R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=8.2] Haibo Yang. et al. The inhibition of β-catenin activity by luteolin isolated from Paulownia flowers leads to growth arrest and apoptosis in cholangiocarcinoma. INT J BIOL MACROMOL. 2024 Jan;254:127627 WB ; Human . 37884243

[IF=6.832] Wu, Haibin. et al. Dextran sulfate prevents excess aggregation of human pluripotent stem cells in 3D culture by inhibiting ICAM1 expression coupled with down-regulating E-cadherin through activating the Wnt signaling pathway. STEM CELL RES THER. 2022 Dec;13(1):1-20 WB,IF ; Human . 35619172

[IF=4.566] Feng Ziqiang. et al. In Ovo Injection of CHIR-99021 Promotes Feather Follicle Development via Modulating the Wnt Signaling Pathway and Transcriptome in Goose Embryos (Anser cygnoides). FRONT PHYSIOL. 2022 May;0:811 WB,IHC ; Bird . 35669574

[IF=4.169] Cheng, Baixiang. et al. Distinctive Roles of Wnt Signaling in Chondrogenic Differentiation of BMSCs under Coupling of Pressure and Platelet-Rich Fibrin. Tissue Engineering and Regenerative Medicine. 2022 Apr;:1-15 WB ; Rabbit . 35467329

[IF=4.081] Liu Jiayi. et al. Lithium Chloride Promotes Endogenous Synthesis of CLA in Bovine Mammary Epithelial Cells. BIOL TRACE ELEM RES. 2023 Apr;:1-14 WB ; Bovine . 37099221