

bs-1165R**[Primary Antibody]****Beta catenin Rabbit pAb****Bioss**
ANTIBODIES

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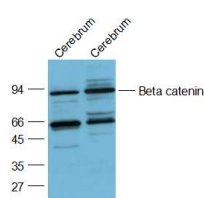
sales@bioss.com.cn

techsupport@bioss.com.cn

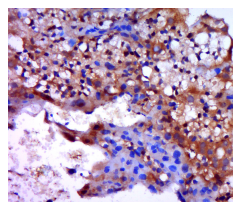
400-901-9800

— DATASHEET —

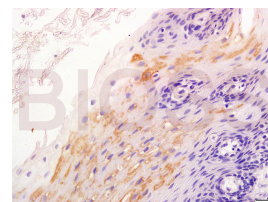
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Sheep, Cow, Zebrafish, Chicken, Dog, Horse) Predicted MW.: 9.5/86 kDa Subcellular Location: Cell membrane ,Cytoplasm ,Nucleus
Clonality: Polyclonal		
GeneID: 1499	SWISS: P35222	
Target: Beta catenin		
Immunogen: KLH conjugated synthetic peptide derived from human Beta catenin: 661-781/781.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
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), pilomatixoma (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 —

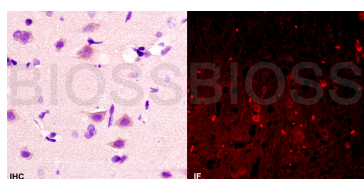
Sample: Cerebrum (Mouse) Lysate at 40 ug
Cerebrum (Rat) Lysate at 40 ug
Primary: Anti-Beta catenin (bs-1165R) at 1/2000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 9.5/86 kD
Observed band size: 86 kD



Paraformaldehyde-fixed, paraffin embedded (mouse placenta 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-1165R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Tissue/cell: human esophageal cancer; 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-Beta catenin Polyclonal Antibody, Unconjugated(bs-1165R) 1:400, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: rat brain tissue; 4%

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Paraformaldehyde-fixed and paraffin-embedded; Primary Antibody: Anti-Beta catenin Polyclonal Antibody, Unconjugated(bs-1165R) 1:200, overnight at 4°C Secondary Antibody: IHC: Goat Anti-Rabbit IgG, Biotin conjugated(bs-0295G-Bio)+ Streptavidin , HRP conjugated (bs-0437P-HRP), and DAB staining IF: Goat Anti-Rabbit IgG, PE conjugated(bs-0295G-PE)used at 1:200 dilution for 40 minutes at 37°C, Excitation wavelength: 565nm; Emission wavelength:578nm

— SELECTED CITATIONS —

- **[IF=14.7]** Zhou Mengze. et al. P2Y14R activation facilitates liver regeneration via CREB/DNMT3b/Dact-2/?eta-Catenin signals in acute liver failureACTA PHARM SIN B. 2025 Jan; Western blot ;Mouse. 10.1016/j.apsb.2025.01.004
- **[IF=13.273]** Xinkun Shen. et al. Improvement of aqueous stability and anti-osteoporosis properties of Zn-MOF coatings on titanium implants by hydrophobic raloxifene. Chem Eng J. 2021 Oct;;133094 WB ;Mouse. 10.1016/j.cej.2021.133094
- **[IF=10.679]** Pan J et al. lncRNA JPX/miR-33a-5p/Twist1 axis regulates tumorigenesis and metastasis of lung cancer by activating Wnt/ β -catenin signaling. Mol Cancer. 2020 Jan 15;19(1):9. IHC ;Mouse. 31941509
- **[IF=9.381]** Liuqi Shi. et al. A dual-functional chitosan derivative platform for fungal keratitis. Carbohydr Polym. 2022 Jan;275:118762 IF ;Rabbit . 34742450
- **[IF=7.9]** Zhen-Ye Luo. et al. Coptidis Rhizoma processed with Evodia Rutaecarpa improves the effect on ulcerative colitis by increasing intestinal energy metabolites alpha-ketoglutarate and Lactobacillus reuteri. PHYTOMEDICINE. 2023 Sep;;155115 WB ;Mouse. 37801896