

bs-20233R**[Primary Antibody]****BioSS**
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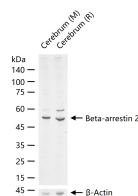
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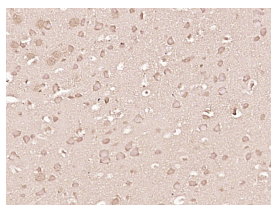
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Beta-arrestin 2 Rabbit pAb**— DATASHEET —**

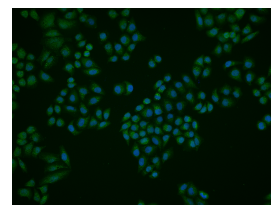
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| Host: Rabbit Clonality: Polyclonal GeneID: 409 Target: Beta-arrestin 2 Immunogen: KLH conjugated synthetic peptide derived from human Beta-arrestin 2: 251-350/409. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M 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: Members of arrestin/beta arrestin protein family are thought to participate in agonist mediated desensitization of G protein coupled receptors and cause specific dampening of cellular responses to stimuli such as hormones, neurotransmitters, or sensory signals. Arrestin beta 2, like arrestin beta 1, was shown to inhibit beta adrenergic receptor function in vitro. It is expressed at high levels in the central nervous system and may play a role in the regulation of synaptic receptors | Isotype: IgG SWISS: P32121 | Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:25) Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Sheep, Cow, Horse) Predicted MW.: 45 kDa Subcellular Location: Cell membrane ,Cytoplasm ,Nucleus |
|--|---|---|

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with Beta-arrestin 2 polyclonal antibody, unconjugated (bs-20233R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded (Mouse 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-arrestin 2) Polyclonal Antibody, Unconjugated (bs-20233R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Hela cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (Beta-arrestin 2) polyclonal Antibody, Unconjugated (bs-20233R) 1:25, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.

— SELECTED CITATIONS —

- **[IF=6.9]** Wen-sheng Yang. et al.Oral FPR2/ALX modulators tune myeloid cell activity to ameliorate mucosal inflammation in inflammatory bowel disease.acta pharmacologica sinica.2025 Mar 11. IHC ;Mouse. 4006949