

bs-1850R**[Primary Antibody]****NR3C2/Mineralocorticoid receptor Rabbit pAb****Bioss**
ANTIBODIES

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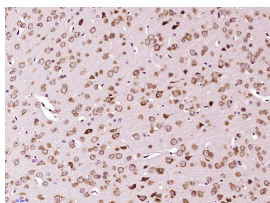
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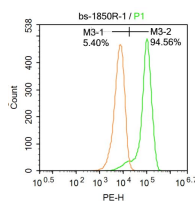
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500)
GeneID: 4306	SWISS: P08235	IF (1:100-500)
Target: NR3C2/Mineralocorticoid receptor		Flow-Cyt (1ug/test)
Immunogen: KLH conjugated synthetic peptide derived from human Mineralocorticoid receptor: 601-700/984.		Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Cow, Chicken, Dog)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 107 kDa
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.		Subcellular Location: Cell membrane ,Cytoplasm ,Nucleus
Background: Steroid receptors are ligand dependent, intracellular proteins that stimulate transcription of specific genes by binding to specific DNA sequences following activation by the appropriate hormone. Mineralocorticoids are a family of steroids, secreted by the adrenal cortex, necessary for the regulation of a number of metabolic processes including electrolyte regulation. These compounds exert their effect through their interaction with the mineralocorticoid receptor and that complex's subsequent association with DNA. Given the function of mineralocorticoids, it is not surprising to find that the kidney is a primary target organ for mineralocorticoids and that this organ has been shown to contain Mineralocorticoid Receptor.		

— VALIDATION IMAGES —

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 (NR3C2/Mineralocorticoid receptor) Polyclonal Antibody, Unconjugated (bs-1850R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Blank control: Molt-4. Primary Antibody (green line): Rabbit Anti-RPS6KB1 antibody (bs-1850R) Dilution: 1µg /10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-AF647 Dilution: 1µg /test. Protocol The cells were fixed with 4% PFA (10min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

— SELECTED CITATIONS —

- **[IF=4.848]** Zongfu Pan. et al. A Dynamic Transcription Factor Signature Along the Colorectal Adenoma-Carcinoma Sequence in Patients With Co-Occurrent Adenoma and Carcinoma. Front Oncol. 2021; 11: 597447 IHC ;Human.

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

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- **[IF=4.12]** Furukawa et al. Up-regulation of claudin-2 expression by aldosterone in colonic epithelial cells of mice fed with NaCl-depleted diets. (2017) Sci.Rep. 7:12223 ChIP,IF ;Mouse. 28939904
- **[IF=3.263]** Ademola Adetokunbo Oyagbemi et al. Antihypertensive power of Naringenin is mediated via attenuation of mineralocorticoid receptor (MCR)/ angiotensin converting enzyme (ACE)/ kidney injury molecule (Kim-1) signaling pathway. Eur J Pharmacol. 2020 Aug 5;880:173142. IHC ;Rat. 32422184
- **[IF=1.92]** Liu, Chen, et al. "Pulmonary artery denervation improves pulmonary arterial hypertension induced right ventricular dysfunction by modulating the local renin-angiotensin-aldosterone system." BMC Cardiovascular Disorders 16.1 (2016): 192. WB ;="Dog". 27724864