

bs-6184R**[Primary Antibody]****Renin Rabbit pAb****Bioss**
ANTIBODIES

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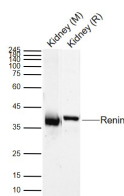
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 5972 Target: Renin Immunogen: KLH conjugated synthetic peptide derived from human Renin: 331-406/406. 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: Renin catalyzes the first step in the activation pathway of angiotensinogen--a cascade that can result in aldosterone release, vasoconstriction, and increase in blood pressure. Renin, an aspartyl protease, cleaves angiotensinogen to form angiotensin I, which is converted to angiotensin II by angiotensin I converting enzyme, an important regulator of blood pressure and electrolyte balance. Transcript variants that encode different protein isoforms and that arise from alternative splicing and the use of alternative promoters have been described, but their full-length nature has not been determined. Mutations in this gene have been shown to cause familial hyperproreninemia. [provided by RefSeq, Jul 2008].	Isotype: IgG SWISS: P00797	Applications: WB (1:500-2000) Reactivity: Mouse, Rat (predicted: Human, Cow, Dog, Horse) Predicted MW.: 37 kDa Subcellular Location: Secreted ,Cell membrane
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— VALIDATION IMAGES —

Sample: Lane 1: Mouse Kidney Lysates Lane 2:
 Rat Kidney Lysates Primary: Anti-Renin
 (bs-6184R) at 1/1000 dilution Secondary:
 IRDye800CW Goat Anti-Rabbit IgG at 1/20000
 dilution Predicted band size: 37kDa Observed
 band size: 37kDa

— SELECTED CITATIONS —

- **[IF=5.11]** Wanka, Heike, et al. "Anti-necrotic and cardioprotective effects of a cytosolic renin isoform under ischemia-related conditions." Journal of Molecular Medicine(2015): 1-9. WB ;="Rat". 26256830
- **[IF=5.1]** Wu, Ka, et al. "Biocharacterization of Heat Shock Protein 90 in Acetaminophen-Treated Livers Without Conspicuous Drug Induced Liver Injury." Cellular Physiology and Biochemistry 43.4 (2017): 1-1. IHC ;="Mouse". 29035890
- **[IF=3.598]** Xu X et al. Potential biomarker of fibroblast growth factor 21 in valproic acid-treated livers. Biofactors. 2019 May 23. IHC ;Mouse. 31120577
- **[IF=2.81]** Soto et al. Exposure to fine particulate matter in the air alters placental structure and the renin-angiotensin

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

system. (2017) PLoS.One. 12:e0183314 ELISA ;Rat. 28820906

- **[IF=3.448]** Chen ZZ et al. Tanshinone IIA contributes to the pathogenesis of endometriosis via renin angiotensin system by regulating the dorsal root ganglion axon sprouting. Life Sci. 2019 Nov 20;240:117085. IHC,WB ;Rat. 31759042