

bs-1860R**[Primary Antibody]****CALCRL Rabbit pAb****BioSS**
ANTIBODIES

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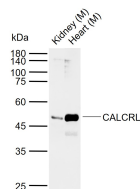
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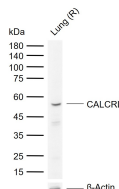
400-901-9800

DATASHEET

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		
GeneID: 10203	SWISS: Q16602	
Target: CALCRL		
Immunogen: KLH conjugated synthetic peptide derived from human CGRP1: 281-380/461.		
Purification: affinity purified by Protein A		Reactivity: Mouse (predicted: Human, Rat)
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: bs-1860P is one synthetic peptide derived from human CGRP1. CRLR is a receptor for calcitonin gene related peptide type 1. The activity of CRLR is mediated by G proteins which activate adenylyl cyclase. CRLR expression has been reported in brain, lung, blood vessel, liver, and intestinal tract. ESTs have been isolated from B Cell/lung/testis, bone marrow, embryo, lung, and synovium libraries.		
		Predicted MW.: 50 kDa
		Subcellular Location: Cell membrane

VALIDATION IMAGES

Sample: Lane 1: Mouse Kidney tissue lysates
Lane 2: Mouse Heart tissue lysates Primary: Anti-CALCRL (bs-1860R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 50 kDa Observed band size: 50 kDa



Sample: Lane 1: Rat Lung tissue lysates Primary: Anti-CALCRL (bs-1860R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 50 kDa Observed band size: 53 kDa

SELECTED CITATIONS

- **[IF=13.6]** Xibang Zhao. et al. Activation of CGRP receptor-mediated signaling promotes tendon-bone healing. SCI ADV. 2024 Mar;10(10) WB,IF ;Mouse. 38457499
- **[IF=13.567]** Baranowsky, Anke. et al. Procalcitonin is expressed in osteoblasts and limits bone resorption through inhibition of macrophage migration during intermittent PTH treatment. Bone Res. 2022 Jan;10(1):1-15 IF ;Mouse. 35087025
- **[IF=6.6]** Romina Mancinelli. et al. The Effects of Taurocholic Acid on Biliary Damage and Liver Fibrosis Are Mediated by Calcitonin-Gen-Related Peptide Signaling. CELLS-BASEL. 2022 Jan;11(9):1591 IHC ;Mouse. 35563897
- **[IF=6.116]** E.R. Moore. et al. CGRP and Shh Mediate the Dental Pulp Cell Response to Neuron Stimulation:. J DENT RES. 0;(): IHC ;Mouse. 35403480
- **[IF=5.62]** Fátima Gimeno-Ferrer. et al. From spreading depolarization to epilepsy with neuroinflammation: The role of CGRP in cortex. EXP NEUROL. 2022 Oct;356:114152 IF ;Rat. 35760098

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