

bs-0124R**[Primary Antibody]****BioSS**
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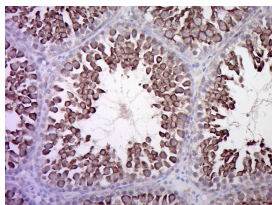
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Calcitonin receptor Rabbit pAb**DATASHEET**

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)
Clonality: Polyclonal		
GeneID: 12311	SWISS: Q60755	
Target: Calcitonin receptor		Reactivity: Rat (predicted: Mouse)
Immunogen: KLH conjugated synthetic peptide derived from mouse Calcitonin receptor: 31-120/516. < Extracellular >		
Purification: affinity purified by Protein A		Predicted MW.: 53 kDa
Concentration: 1mg/ml		Subcellular Location: Cell membrane
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: This gene encodes a high affinity receptor for the peptide hormone calcitonin and belongs to a subfamily of seven transmembrane-spanning G protein-coupled receptors. The encoded protein is involved in maintaining calcium homeostasis and in regulating osteoclast-mediated bone resorption. Polymorphisms in this gene have been associated with variations in bone mineral density and onset of osteoporosis. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2009]		

VALIDATION IMAGES

Paraformaldehyde-fixed, paraffin embedded (Rat testis); 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 (CALCR) Polyclonal Antibody, Unconjugated (bs-0124R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

SELECTED CITATIONS

- **[IF=15.7]** Feng Kuanhan. et al. Neoantigens combined with in situ cancer vaccination induce personalized immunity and reshape the tumor microenvironment. NAT COMMUN. 2025 May;16(1):1-16 FC ;Mouse. 40450037
- **[IF=15.1]** Linlin Tao. et al. Synergistic strategy based on mild phototherapy and deep tumor hypoxia reversal comprehensively remodels the tumor microenvironment for improved immunotherapy. CHEM ENG J. 2023 Sep;472:145092 IF ;Mouse. 10.1016/j.cej.2023.145092
- **[IF=14.903]** Tong Gao. et al. Macrophage-camouflaged epigenetic nanoinducers enhance chemoimmunotherapy in triple negative breast cancer. ACTA PHARM SIN B. 2022 Nov;; IF ;Mouse. 10.1016/j.apsb.2022.11.018
- **[IF=12.7]** Fanguy Qiao. et al. Growth factor collected cell membrane-functionalized matrix for vascular-innervated bone

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

regeneration. COMPOSITES PART B-ENGINEERING. 2025 Feb;291:112019 WB ;Rat. 10.1016/j.compositesb.2024.112019

- **[IF=13.116]** Yanmei He. et al. A combinational chemo-immune therapy using an enzyme-sensitive nanoplatfrom for dual-drug delivery to specific sites by cascade targeting. Sci Adv. 2021 Feb;7(6):eaba0776 IF ;Mouse. 33547067