

bs-10647R**[Primary Antibody]****Bioss**
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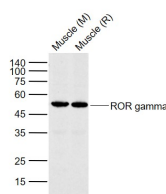
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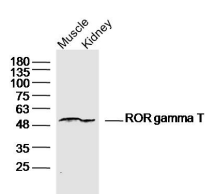
400-901-9800

ROR gamma T Rabbit pAb**DATASHEET**

Host: Rabbit Clonality: Polyclonal GeneID: 19885 Target: ROR gamma T Immunogen: KLH conjugated synthetic peptide derived from mouse ROR gamma T: 51-150/518. 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: The protein encoded by this gene is a DNA-binding transcription factor and is a member of the NR1 subfamily of nuclear hormone receptors. The specific functions of this protein are not known; however, studies of a similar gene in mice have shown that this gene may be essential for lymphoid organogenesis and may play an important regulatory role in thymopoiesis. In addition, studies in mice suggest that the protein encoded by this gene may inhibit the expression of Fas ligand and IL2. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]	Isotype: IgG SWISS: P51450 Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Flow-Cyt (1ug/test) ICC/IF (1:100) Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Cow, Chicken, Dog, Horse) Predicted MW.: 54 kDa Subcellular Location: Nucleus
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VALIDATION IMAGES

Sample: Lane1: Mouse Muscle Lysates Lane2: Rat Muscle Lysates
Primary: Anti-ROR Gamma (bs-10647R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 57 kD
Observed band size: 50 kD



Sample: Muscle (mouse) Lysate at 40 ug
Kidney (mouse) Lysate at 40 ug
Primary: Anti-ROR gamma T (bs-10647R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 54 kD
Observed band size: 54 kD

SELECTED CITATIONS

- **[IF=14.3]** Shunfen Zhang. et al. Mechanisms of Baicalin Alleviates Intestinal Inflammation: Role of M1 Macrophage Polarization and Lactobacillus amylovorus. ADV SCI. 2025 Apr;:2415948 WB ;Piglet. 40200426
- **[IF=8.44]** Jia, Yu. et al. The treatment of Qibai Pingfei Capsule on chronic obstructive pulmonary disease may be mediated by Th17/Treg balance and gut-lung axis microbiota. J TRANSL MED. 2022 Dec;20(1):1-21 WB,IHC ;Rat. 35729584
- **[IF=6.78]** Le Lv. et al. Taurohyodeoxycholic acid alleviates trinitrobenzene sulfonic acid induced ulcerative colitis via regulating Th1/Th2 and Th17/Treg cells balance. LIFE SCI. 2023 Apr;318:121501 WB ;Mouse. 36801213
- **[IF=5.878]** Lingling Dong. et al. Anti-inflammatory effect of Rhein on ulcerative colitis via inhibiting PI3K/Akt/mTOR

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

signaling pathway and regulating gut microbiota. 2022 Mar 01 WB ;Mouse. 35229916

- **[IF=4.8]** Zhiying Tan. et al. Exploring Si-Ni-San's therapeutic dynamics in autoimmune thyroid disorders: A network pharmacology approach and experimental evidence. J ETHNOPHARMACOL. 2024 Oct;;119004 WB ;Mouse. 39490709