

## ROR gamma T Rabbit pAb

Catalog Number: bs-10647R

Target Protein: ROR gamma T

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

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

Entrez Gene: 19885

Swiss Prot: P51450

Source: KLH conjugated synthetic peptide derived from mouse ROR gamma T: 51-150/518.

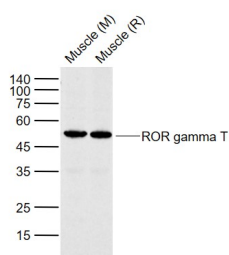
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

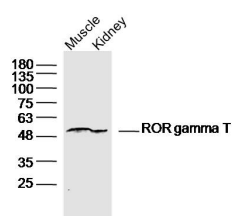
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**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]

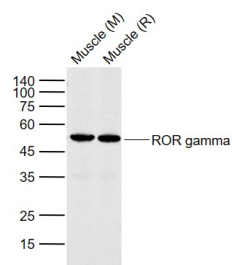
### VALIDATION IMAGES



Sample: Lane1:Mouse Muscle Lysates Lane2:Rat Muscle Lysates Primary: Anti-ROR Gamma T (bs-10674R) 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



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

## PRODUCT SPECIFIC PUBLICATIONS

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

[IF=5.279] Yan Zhang. et al. Ganoderic Acid A To Alleviate Neuroinflammation of Alzheimer' s Disease in Mice by Regulating the Imbalance of the Th17/Tregs Axis. J Agr Food Chem. 2021;69(47):14204–14214 WB ; Mouse . 34798773

[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