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## RORC Rabbit pAb

Catalog Number: bs-23110R

Target Protein: RORC

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 RORC: 1-100/516.

Purification: affinity purified by Protein A

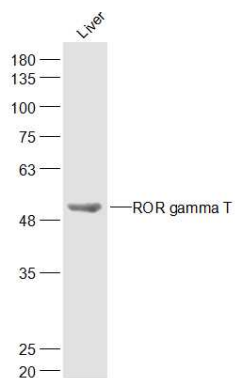
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

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

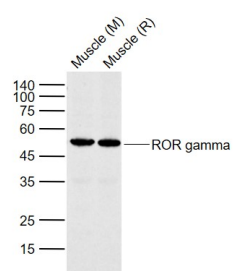
**Background:** The protein encoded by this gene is a DNA-binding transcription factor and is a member of the NR1 subfamily of nuclear hormone receptors. The specific functions of this protein are not known; however, studies of a similar gene in mice have shown that this gene may be essential for lymphoid 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

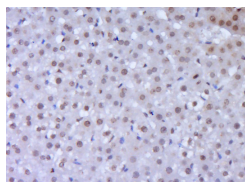
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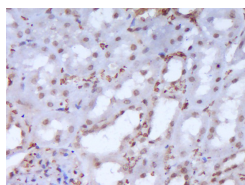
Sample: Liver (Mouse) Lysate at 40 ug Primary: Anti-ROR gamma T (bs-23110R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 54 kD Observed band size: 54 kD



Sample: Lane1: Mouse Muscle Lysates Lane2: Rat Muscle Lysates Primary: Anti-ROR Gamma (bs-23110R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 57 kD Observed band size: 50 kD



Paraformaldehyde-fixed, paraffin embedded (Rat liver); 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 (ROR gamma T) Polyclonal Antibody, Unconjugated (bs-23110R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat kidney); 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 (ROR gamma T) Polyclonal Antibody, Unconjugated (bs-23110R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

## PRODUCT SPECIFIC PUBLICATIONS

[IF=8.786] Mengyuan Zhu. et al. Insulin-binding protein-5 down-regulates the balance of Th17/Treg.. FRONT IMMUNOL. 2022 Nov;13:1019248-1019248 IHC ; Mouse . 36389828

[IF=6.656] Yuhan Wu. et al. DiHuangYin decoction protects dopaminergic neurons in a Parkinson's disease model by alleviating peripheral inflammation. PHYTOMEDICINE. 2022 Oct;105:154357 IF, WB ; Mouse . 35933898

[IF=6.1] Tao Li. et al. Modulatory effect of the fermented Polygonatum cyrtonema Hua on the immune homeostasis and gut integrity in a dextran-sulfate-sodium (DSS)-induced colitis model. FOOD FUNCT. 2024 Feb;: IF ; Mouse . 38440931

[IF=5.6] Bing-Bing Cheng. et al. Beneficial effects of Hawthorn extract on metabolic hypertensive rats by regulating Treg/Th17 immune balance. J FUNCT FOODS. 2023 Sep;108:105750 IHC ; Rat . 10.1016/j.jff.2023.105750

[IF=5.085] Wang Ning. et al. CD226 Attenuates Treg Proliferation via Akt and Erk Signaling in an EAE Model. Front Immunol. 2020 Aug;11:1883 IHC ; Mouse . 32983109