SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-ROR gamma T antibody

Catalog Number: SL23110R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	ROR gamma T
Immunogen:	KLH conjugated synthetic peptide derived from mouse ROR gamma T: 1-100/516
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℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 Flow-Cyt=1ug/test （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse,Rat (predicted:Human,Chicken,Dog,Pig,Cow,Horse,Rabbit)
Predicted MW.:	54kDa
Subcellular Location:	The nucleus
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].

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

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	Database links: **Entrez Gene:** 6097 Human **Entrez Gene:** 19885 Mouse **Entrez Gene:** 368158 Rat Omim: 602943 Human **SwissProt:** P51449 Human **SwissProt:** P51450 Mouse **Unigene:** 256022 Human **Unigene:** 607993 Human **Unigene:** 4372 Mouse

[VALIDATION IMAGES]

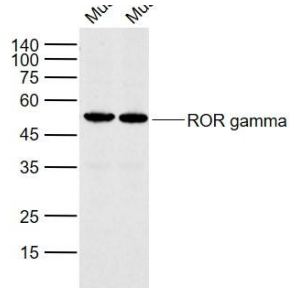


Figure 1. Sample: Lane1: Mouse Muscle Lysates Lane2: Rat Muscle Lysates Primary: Anti-ROR Gamma (SL23110R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 57 kD Observed band size: 57 kD

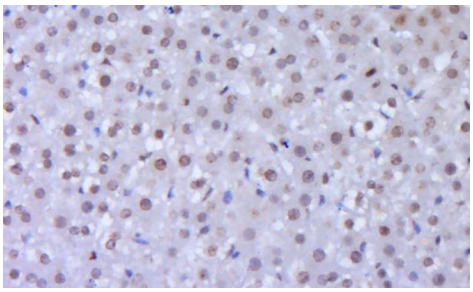


Figure 2. Paraformaldehyde-fixed, paraffin embedded (Rat liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ROR gamma T) Polyclonal Antibody, Unconjugated (SL23110R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining

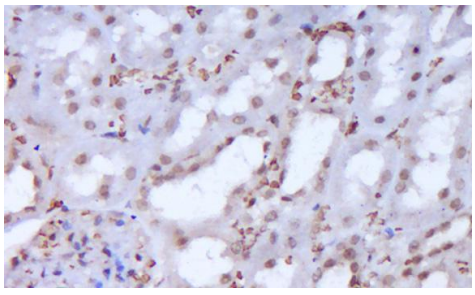


Figure 3. Paraformaldehyde-fixed, paraffin embedded (Rat kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ROR gamma T) Polyclonal Antibody, Unconjugated (SL23110R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining

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