

## **Product datasheet for TA337922**

## **ROR alpha (RORA) Rabbit Polyclonal Antibody**

## **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB

**Reactivity:** Mouse

**Host:** Rabbit

**Isotype:** IgG

Clonality: Polyclonal

**Immunogen:** The immunogen for anti-Rora antibody is synthetic peptide directed towards the middle

region of Mouse Rora. Synthetic peptide located within the following region:

STYMDGHTPEGSKADSAVSSFYLDIQPSPDQSGLDINGIKPEPICDYTPA

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Purification:** Affinity Purified

Conjugation: Unconjugated

**Storage:** Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 59 kDa

**Gene Name:** RAR related orphan receptor A

Database Link: NP 599024

Entrez Gene 19883 Mouse

P35398



**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



**Background:** Rora is an orphan nuclear receptor. It binds DNA as a monomer to hormone response

elements (HRE) containing a single core motif half-site preceded by a short A-T-rich sequence. This isomer binds to the consensus sequence 5'-[AT][TA]A[AT][CGT]TAGGTCA-3'. Regulates a number of genes involved in lipid metabolism such as apolipoproteins AI, APOA5, CIII, CYP71 and PPARgamma, in cerebellum and photoreceptor development including PCP2, OPN1SW, OPN1SM AND ARR3, in circadian rhythm with BMAL1, and skeletal muscle development with

MYOD1. IT is a possible receptor for cholesterol or one of its derivatives.

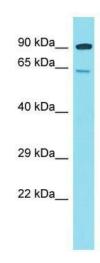
Synonyms: NR1F1; ROR1; ROR2; ROR3; RZR-ALPHA; RZRA

**Note:** Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Goat: 100%; Horse: 100%; Human:

100%; Bovine: 100%; Rabbit: 100%; Rat: 93%; Mouse: 93%; Guinea pig: 93%

**Protein Families:** Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

## **Product images:**



Host: Rabbit; Target Name: Rora; Sample Tissue: Mouse Liver lysates; Antibody Dilution: 1.0 ug/ml