

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: STYMDGHTPEGSKADSAVSSFYLDIQSPDQSGLDINGIKPEPICDYTPA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
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



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- 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