

Product datasheet for **TA337923**

ROR alpha (RORA) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-RORA antibody: synthetic peptide directed towards the middle region of human RORA. Synthetic peptide located within the following region: GFMELCQNDQIVLLKAGSLEVVFIRMCRAFDSQNNTVYFDGKYASPDVFK
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:	53 kDa
Gene Name:	RAR related orphan receptor A
Database Link:	NP_599024 Entrez Gene 19883 Mouse Entrez Gene 6095 Human P35398



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Background:

The protein encoded by RORA is a member of the NR1 subfamily of nuclear hormone receptors. It can bind as a monomer or as a homodimer to hormone response elements upstream of several genes to enhance the expression of those genes. The specific functions of this protein are not known, but it has been shown to interact with NM23-2, a nucleoside diphosphate kinase involved in organogenesis and differentiation, as well as with NM23-1, the product of a tumor metastasis suppressor candidate gene. The protein encoded by this gene is a member of the NR1 subfamily of nuclear hormone receptors. It can bind as a monomer or as a homodimer to hormone response elements upstream of several genes to enhance the expression of those genes. The specific functions of this protein are not known, but it has been shown to interact with NM23-2, a nucleoside diphosphate kinase involved in organogenesis and differentiation, as well as with NM23-1, the product of a tumor metastasis suppressor candidate gene. Four transcript variants encoding different isoforms have been described for this gene.

Synonyms:

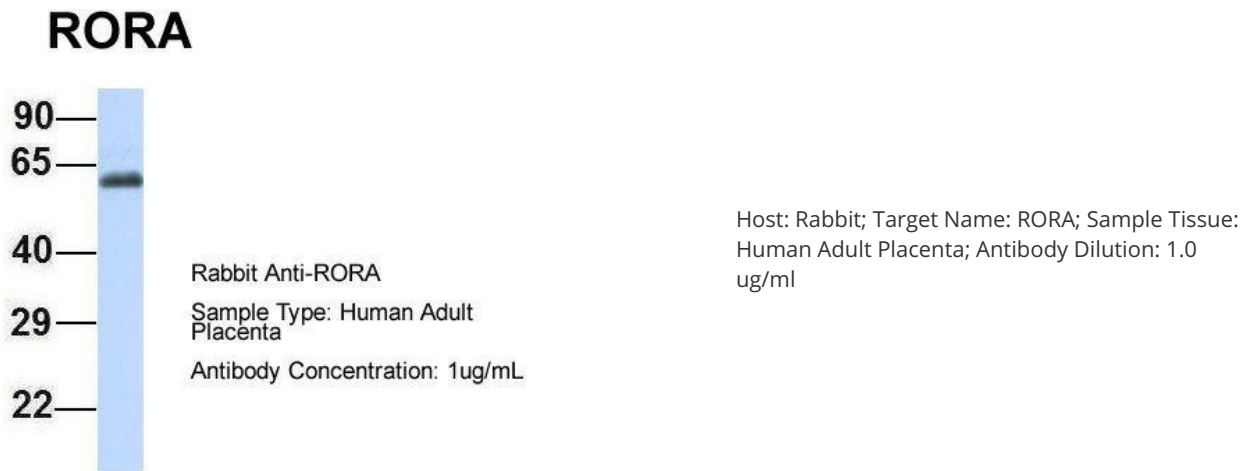
NR1F1; ROR1; ROR2; ROR3; RZR-ALPHA; RZRA

Note:

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Goat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Zebrafish: 100%; Guinea pig: 100%; Rabbit: 93%

Protein Families:

Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

Product images:


RORA



Rabbit Anti-RORA
Sample Type: Human Fetal Heart
Antibody Concentration: 1ug/mL

Host: Rabbit; Target Name: RORA; Sample Tissue: Human Fetal Heart; Antibody Dilution: 1.0 ug/ml



WB Suggested Anti-RORA Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive Control: 721_B cell lysate RORA is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells