

Datasheet for ABIN2782272  
**anti-RORA antibody (Middle Region)**



[Go to Product page](#)

2 Images

## Overview

Quantity:	100 µL
Target:	RORA
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Rabbit, Guinea Pig, Goat, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RORA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human RORA
Sequence:	PGAEPLTPT YNISANGLTE LHDDL SNYID GHTPEGSKAD SAVSSFYLDI
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 86%, Pig: 100%, Rabbit: 100%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against RORA. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	RORA
---------	------

## Target Details

Alternative Name:	RORA ( <a href="#">RORA Products</a> )
Background:	<p>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.</p> <p>Alias Symbols: MGC119326, MGC119329, NR1F1, ROR1, ROR2, ROR3, RZRA, RZR-ALPHA</p> <p>Protein Interaction Partner: GFAP, NSD1, NCOA1, PSMC5, SMARCD3, PTBP1, VPRBP, UBC, EZH2, DDB1, LMO3, NR0B1, ZXDC, PNRC2, COPS5, PNRC1, EIF3I, PROX1, LRIF1, RUVBL1, CEBPB, NCOA2, MED1, EP300, RORA, MYOD1, NME2, NME1,</p> <p>Protein Size: 548</p>
Molecular Weight:	62 kDa
Gene ID:	6095
NCBI Accession:	<a href="#">NM_002943</a> , <a href="#">NP_002934</a>
Pathways:	<a href="#">Nuclear Receptor Transcription Pathway</a> , <a href="#">Steroid Hormone Mediated Signaling Pathway</a> , <a href="#">Regulation of Lipid Metabolism by PPARalpha</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 548 AA
Restrictions:	For Research Use only

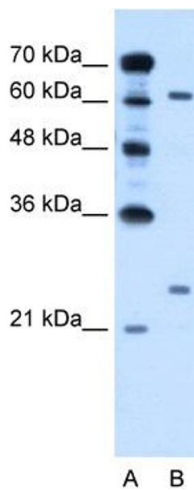
## Handling

Format:	Liquid
---------	--------

## Handling

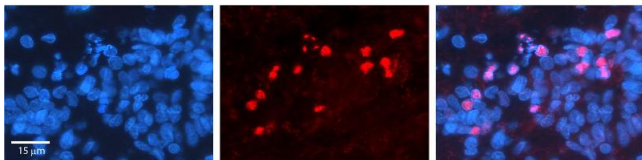
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Images



### Western Blotting

**Image 1.** WB Suggested Anti-RORA Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate



### Immunohistochemistry

**Image 2.** RORA antibody - middle region Formalin Fixed Paraffin Embedded Tissue: Human Pineal Tissue Observed Staining: Nucleus in Human Pineal Tissue Primary Antibody Concentration: 1:100 Other Working Concentrations: 1/600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec