



Datasheet for ABIN387939  
**anti-RORA antibody (AA 193-222)**



[Go to Product page](#)

4 Images

Overview

Quantity:	400 µL
Target:	RORA
Binding Specificity:	AA 193-222
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RORA antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	This RORA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 193-222 amino acids from human RORA.
Clone:	RB16632
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	RORA
Alternative Name:	RORA ( <a href="#">RORA Products</a> )

## Target Details

---

Background:	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.
Molecular Weight:	58975
Gene ID:	6095
NCBI Accession:	<a href="#">NP_002934</a> , <a href="#">NP_599022</a> , <a href="#">NP_599023</a> , <a href="#">NP_599024</a>
UniProt:	<a href="#">P35398</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

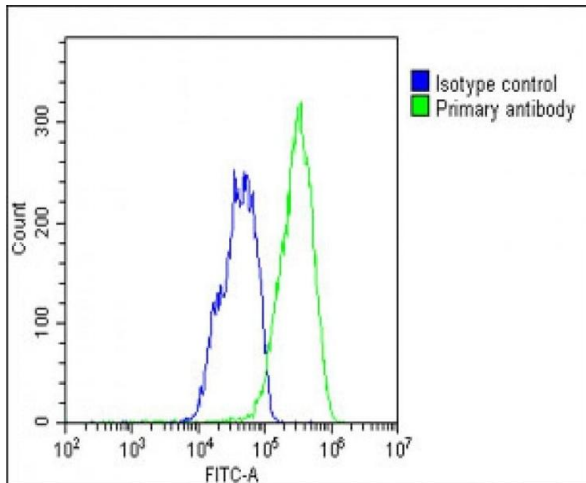
---

Application Notes:	IF: 1:10~50. WB: 1:1000. WB: 1:500. FC: 1:25
Restrictions:	For Research Use only

## Handling

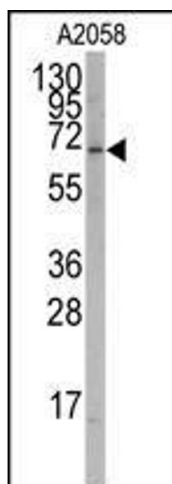
---

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



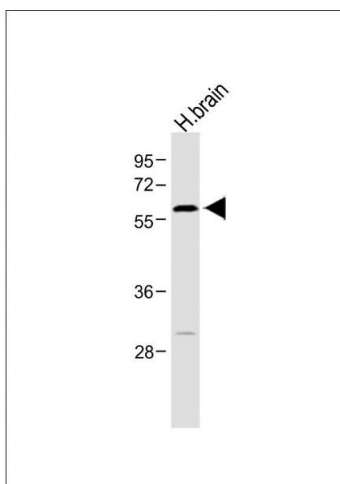
### Flow Cytometry

**Image 1.** Overlay histogram showing HepG2 cells stained with (ABIN387939 and ABIN2844487) (green line). The cells were fixed with 2 % paraformaldehyde (10 min) and then permeabilized with 90 % methanol for 10 min. The cells were then incubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN387939 and ABIN2844487), 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(1583138) at 1/200 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was rabbit IgG1 (1  $\mu$ g/ $1 \times 10^6$  cells) used under the same conditions. Acquisition of >10,000 events was performed.



### Western Blotting

**Image 2.** Western blot analysis of anti-RORA Antibody (ABIN387939 and ABIN2844487) in cell line lysates (35  $\mu$ g/lane). RORA (arrow) was detected using the purified Pab.



### Western Blotting

**Image 3.** Anti-RORA Antibody at 1:500 dilution + Human brain lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 59 kDa  
Blocking/Dilution buffer: 5 % NFDN/TBST.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN387939.