# antibodies -online.com







## anti-RORA antibody (Middle Region)





Go to Product page

$\sim$					
()	VE	۲۱	/1	$\triangle$	Λ

Quantity:	100 μL	
Target:	RORA	
Binding Specificity:	Middle Region	
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Rabbit, Guinea Pig, Goat, Zebrafish (Danio rerio), Sheep	
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:	GHTPEGSKAD SAVSSFYLDI QPSPDQSGLD INGIKPEPIC DYTPASGFFP	
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 100%	
Characteristics:	This is a rabbit polyclonal antibody against RORA. It was validated on Western Blot and immunohistochemistry.	
Purification:	Protein A purified	
Target Details		
Target:	RORA	

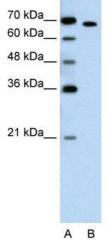
### **Target Details**

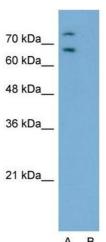
Alternative Name:	RORA (RORA Products)		
Background:	The protein encoded by RORA is a member of the NR1 subfamily of nuclear hormone		
	receptors. It can bind as a monomer or as a homodimer to hormone response elements		
	upstream of several genes to enhance the expression of those genes. The specific 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.		
	Alias Symbols: MGC119326, MGC119329, NR1F1, ROR1, ROR2, ROR3, RZRA, RZR-ALPHA		
	Protein Interaction Partner: GFAP, NSD1, NCOA1, PSMC5, SMARCD3, PTBP1, VPRBP, UBC,		
	EZH2, DDB1, LM03, NR0B1, ZXDC, PNRC2, COPS5, PNRC1, EIF3I, PROX1, LRIF1, RUVBL1,		
	CEBPB, NCOA2, MED1, EP300, RORA, MYOD1, NME2, NME1,		
	Protein Size: 556		
Molecular Weight:	63 kDa		
Gene ID:	6095		
NCBI Accession:	NM_134260, NP_599022		
UniProt:	P35398		
	Nuclear Receptor Transcription Pathway, Steroid Hormone Mediated Signaling Pathway,		
Pathways:	, , , , , , , , , , , , , , , , , , , ,		
Pathways:	Regulation of Lipid Metabolism by PPARalpha		
Pathways:  Application Details			
·			
Application Details	Regulation of Lipid Metabolism by PPARalpha		

#### Handling

Format:	Liquid
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**



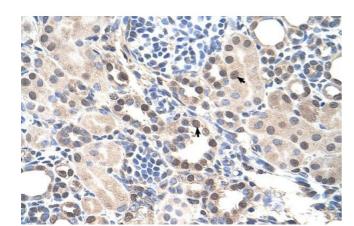


#### **Western Blotting**

Image 1. WB Suggested Anti-RORA Antibody Titration:1.25ug/ml Positive Control: Jurkat cell lysate

#### **Western Blotting**

Image 2. Host: Rabbit Target Name: RORA Sample Type: Jurkat Lane A: Primary Antibody Lane B: Primary Antibody + Blocking Peptide Primary Antibody Concentration: 2.5ug/mL Peptide Concentration: 2.0ug/mL Lysate Quantity: 25ug/lane Gel Concentration: 12%



#### **Immunohistochemistry**

Image 3. Human kidney