

Datasheet for ABIN6147077
anti-RORA antibody (AA 169-468)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	RORA
Binding Specificity:	AA 169-468
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RORA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 169-468 of human RORA (NP_599024.1).
Sequence:	DIQSPDQSG LDINGIKPEP ICDYTPASGF FPYCSFTNGE TSPTVSMAEL EHIAQNISKS HLETCQYLRE ELQQITWQTF LQEEIENYQN KQREVMWQLC AIKITEAIQY VVEFAKRIDG FMELCQNDQI VLLKAGSLEV VFIRMCRAFD SQNNVTYFDG KYASPDVFKS LGCEDFISFV FEFGKSLCSM HLTEDEIALF SAFVLMSADR SWLQEKVKIE KLQKIQIAL QHVLQKNHRE DGILTKLICK VSTLRALCGR HTEKLMAFKA IYPDIVRLHF PPLYKELFTS EFEPAMQIDG
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	RORA
Alternative Name:	RORA (RORA Products)
Background:	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 encoded protein 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. Also, it has been shown to aid in the transcriptional regulation of some genes involved in circadian rhythm. Four transcript variants encoding different isoforms have been described for this gene.,RORA,NR1F1,ROR1,ROR2,ROR3,RZR-ALPHA,RZRA,Epigenetics & Nuclear Signaling,Transcription Factors,Nuclear Receptor Signaling,Nuclear hormone receptors,Cancer,Signal Transduction,Cell Biology & Developmental Biology,Cell Cycle,Cell differentiation,Neuroscience,RORA
Molecular Weight:	53 kDa/58 kDa/61 kDa/63 kDa
Gene ID:	6095
UniProt:	P35398
Pathways:	Nuclear Receptor Transcription Pathway , Steroid Hormone Mediated Signaling Pathway , Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

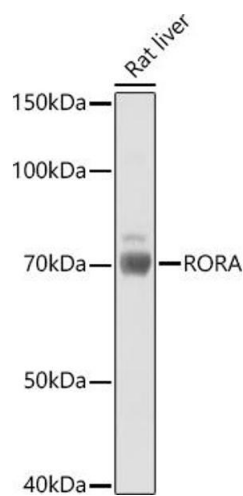
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C

Handling

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of Rat liver, using RORA antibody (ABIN6130662, ABIN6147077, ABIN6147078 and ABIN6222727) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.