

Datasheet for ABIN657770

anti-Retinoic Acid Receptor alpha antibody (C-Term)**5** Images[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	Retinoic Acid Receptor alpha (RARA)
Binding Specificity:	AA 322-349, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This RARA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 322-349 amino acids from the C-terminal region of human RARA.
Clone:	RB33783
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Retinoic Acid Receptor alpha (RARA)
Alternative Name:	RARA (RARA Products)
Background:	This gene represents a nuclear retinoic acid receptor. The encoded protein, retinoic acid receptor alpha, regulates transcription in a ligand-dependent manner. This gene has been

Target Details

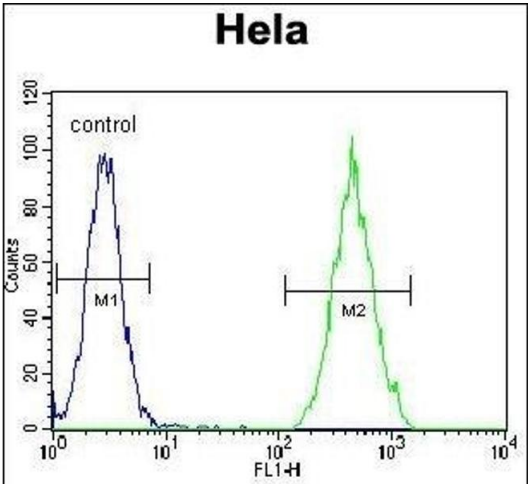
	implicated in regulation of development, differentiation, apoptosis, granulopoiesis, and transcription of clock genes. Translocations between this locus and several other loci have been associated with acute promyelocytic leukemia. Alternatively spliced transcript variants have been found for this locus.
Molecular Weight:	50771
Gene ID:	5914
NCBI Accession:	NP_000955 , NP_001019980 , NP_001138773 , NP_001138774
UniProt:	P10276
Pathways:	Nuclear Receptor Transcription Pathway , Retinoic Acid Receptor Signaling Pathway , Intracellular Steroid Hormone Receptor Signaling Pathway , Steroid Hormone Mediated Signaling Pathway , Cellular Response to Molecule of Bacterial Origin , Positive Regulation of Immune Effector Process , S100 Proteins

Application Details

Application Notes:	IF: 1:10~50. WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

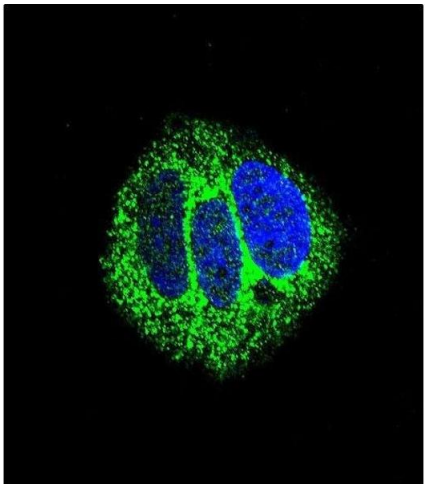
Handling

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:	RARA Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



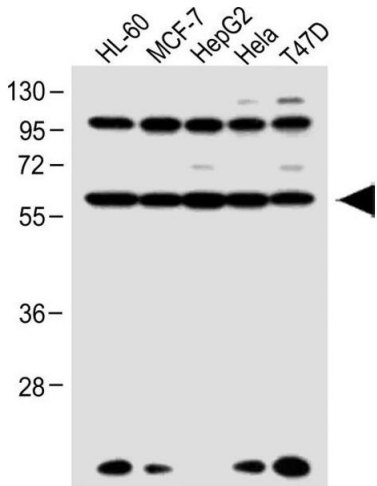
Flow Cytometry

Image 1. RARA Antibody (C-term) (ABIN657770 and ABIN2846746) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Immunofluorescence

Image 2. Confocal immunofluorescent analysis of RARA Antibody (C-term) (ABIN657770 and ABIN2846746) with MCF-7 cells followed by Alexa Fluor® 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nucleus (blue).



Western Blotting

Image 3. All lanes : Anti-RARA Antibody (C-term) at 1:1000 dilution Lane 1: HL-60 whole cell lysate Lane 2: MCF-7 whole cell lysate Lane 3: HepG2 whole cell lysate Lane 4: HeLa whole cell lysate Lane 5: T47D whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 51 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN657770.