

Datasheet for ABIN7269946
anti-Retinoic Acid Receptor alpha antibody



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2 Images

Overview

Quantity:	100 µL
Target:	Retinoic Acid Receptor alpha (RARA)
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Retinoic Acid Receptor alpha antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	RARα Rabbit mAb
Immunogen:	A synthesized peptide derived from human RARα.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	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

Target Details

receptor alpha, regulates transcription in a ligand-dependent manner. This gene has been 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.[provided by RefSeq, Sep 2010],NR1B1,RAR,RARA,Cancer,Cell Biology & Developmental Biology,Epigenetics & Nuclear Signaling,MAPK-P38 Signaling Pathway,Nuclear Receptor Signaling,Nuclear Receptor Signaling_Nuclear hormone receptors,Signal Transduction,Transcription Factors,Wnt/ β -Catenin Signaling Pathway,RARA

Molecular Weight: 55kDa

Gene ID: 5914

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: WB,1:500 - 1:2000,IHC,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

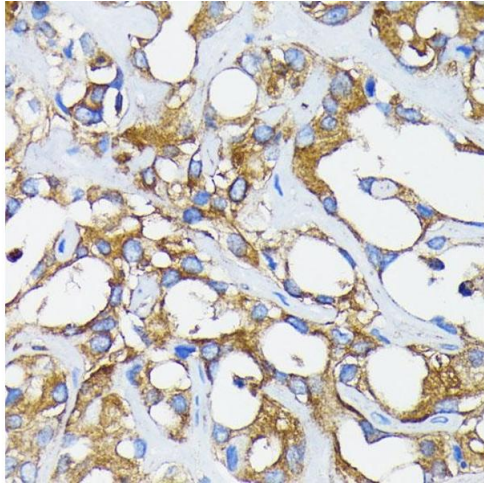
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

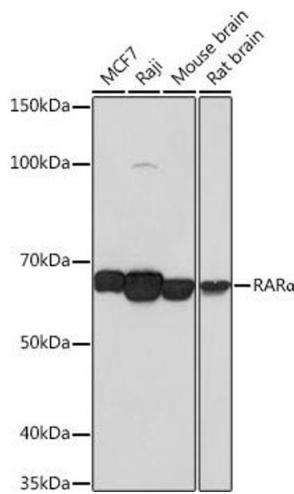
Storage: -20 °C

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



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human breast cancer using RAR α antibody (ABIN7269946) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using RAR α antibody (ABIN7269946) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1 min.