

Datasheet for ABIN185295

anti-Retinoic X Receptor alpha antibody (AA 14-28)

5 Images

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Overview

Quantity:	100 µg
Target:	Retinoic X Receptor alpha (RXRA)
Binding Specificity:	AA 14-28
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Retinoic X Receptor alpha antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	RXR alpha
Immunogen:	Peptide with sequence CQVNSSLTSP TGRGSM, from the internal region of the protein sequence according to NP_002948.1.
Sequence:	CQVNSSLTSP TGRGSM
Isotype:	IgG
Specificity:	This antibody is expected to recognise an epitope corresponding to aa 14-28 of human RXR alpha protein and does not cross-react with either RXR beta or gamma.
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target: Retinoid X Receptor alpha (RXRA)

Alternative Name: RXRA ([RXRA Products](#))

Background: RXRA, NR2B1, retinoid X receptor, alpha, FLJ16020, FLJ16733, MGC102720, FLJ00280, FLJ00318,

Gene ID: 6256

NCBI Accession: [NP_002948](#)

Pathways: [Nuclear Receptor Transcription Pathway](#), [Retinoic Acid Receptor Signaling Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#), [Regulation of Lipid Metabolism by PPARalpha](#), [Hepatitis C](#)

Application Details

Application Notes: Western Blot: Approx 55-60 kDa band observed in nuclear lysates of cell lines HeLa and K562 (calculated MW of 50.8 kDa according to NP_002948.1). This molecular weight is routinely observed by other sources and was successfully blocked by incubation with Peptide ELISA: antibody detection limit dilution 1:32000.

Comment: **Immunofluorescence:** Strong expression of the protein seen in the nuclei of HeLa and MCF7 cells. Recommended concentration: 10µg/ml.

Flow Cytometry: Flow cytometric analysis of MCF7 cells. Recommended concentration: 10u

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

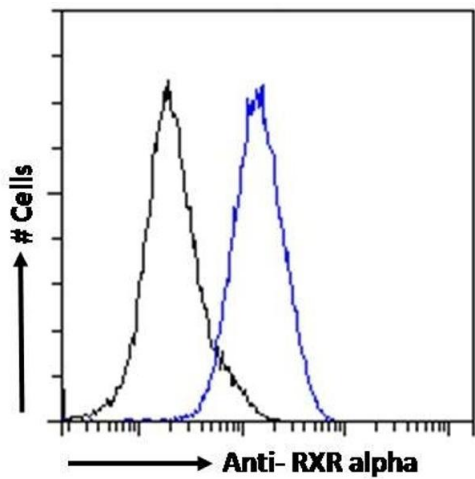
Preservative: Sodium azide

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

Handling

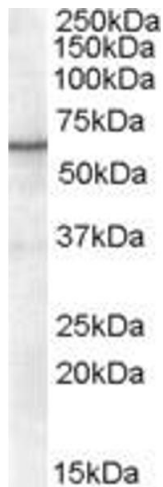
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



Flow Cytometry

Image 1. ABIN185295 Flow cytometric analysis of paraformaldehyde fixed MCF7 cells (blue line), permeabilized with 0.5 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (1 µg/mL). IgG control: Unimmunized goat IgG (black line) for



Western Blotting

Image 2. ABIN185295 (0.3µg/ml) staining of nuclear HeLa lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

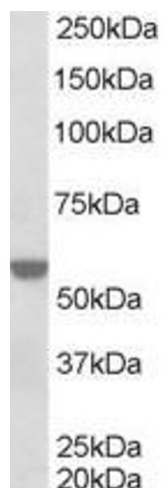


Image 3. ABIN185295 (0.5µg/ml) staining of A431 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN185295.