

Datasheet for ABIN7296796

anti-Retinoic Acid Receptor beta antibody (C-Term)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Retinoic Acid Receptor beta (RARβ)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Retinoic Acid Receptor beta antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human RAR beta.
Specificity:	Recognizes endogenous levels of RAR beta protein.
Characteristics:	Rabbit polyclonal antibody to RAR beta
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	Retinoic Acid Receptor beta (RARβ)
Alternative Name:	RAR beta (RARβ Products)

Target Details

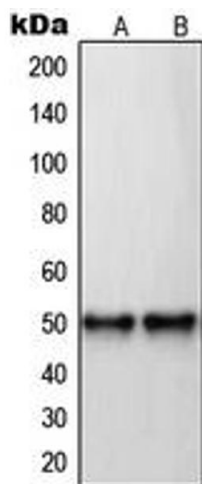
Background:	HAP, NR1B2, Retinoic acid receptor beta, RAR-beta, HBV-activated protein, Nuclear receptor subfamily 1 group B member 2, RAR-epsilon
Gene ID:	5915, 218772
UniProt:	P10826 , P22605
Pathways:	Nuclear Receptor Transcription Pathway , Retinoic Acid Receptor Signaling Pathway , Steroid Hormone Mediated Signaling Pathway

Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only

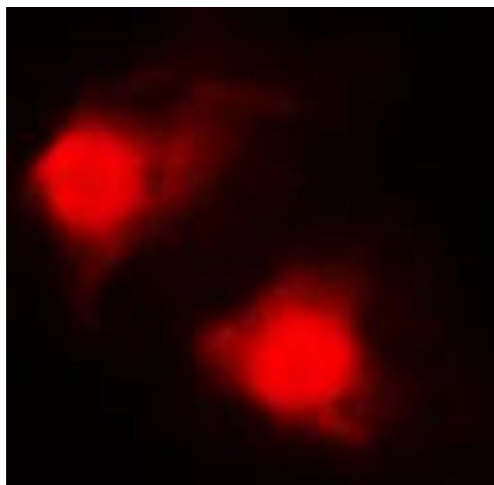
Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % 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:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months



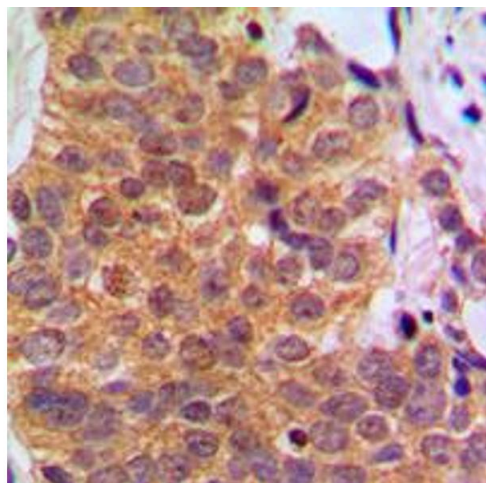
Western Blotting

Image 1. Western blot analysis of RAR beta expression in U87MG (A), MDAMB435 (B) whole cell lysates.



Immunofluorescence

Image 2. Immunofluorescent analysis of RAR beta staining in MDAMB435 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



Immunohistochemistry

Image 3. Immunohistochemical analysis of RAR beta staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.