

Datasheet for ABIN1539167

anti-Retinoic Acid Receptor beta antibody (N-Term)



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1 Image

Overview

Quantity:	400 µL
Target:	Retinoic Acid Receptor beta (RARβ)
Binding Specificity:	AA 3-31, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This RA _α antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 3-31 amino acids from the N-terminal region of human RA _α .
Clone:	RB33676
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Retinoic Acid Receptor beta (RARβ)
Alternative Name:	RARB (RARβ Products)
Background:	This gene encodes retinoic acid receptor beta, a member of the thyroid-steroid hormone receptor superfamily of nuclear transcriptional regulators. This receptor localizes to the cytoplasm and to subnuclear compartments. It binds retinoic acid, the biologically active form

Target Details

of vitamin A which mediates cellular signalling in embryonic morphogenesis, cell growth and differentiation. It is thought that this protein limits growth of many cell types by regulating gene expression. The gene was first identified in a hepatocellular carcinoma where it flanks a hepatitis B virus integration site. The gene expresses at least two transcript variants, one additional transcript has been described, but its full length nature has not been determined. [provided by RefSeq].

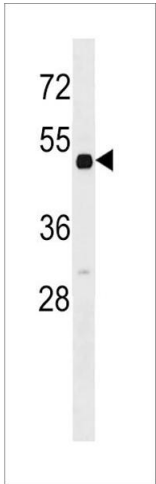
Molecular Weight:	50489
Gene ID:	5915
NCBI Accession:	NP_000956 , NP_057236
UniProt:	P10826
Pathways:	Nuclear Receptor Transcription Pathway , Retinoic Acid Receptor Signaling Pathway , Steroid Hormone Mediated Signaling Pathway

Application Details

Application Notes:	WB: 1:1000
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:	RARB Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. RARB Antibody (N-term) (ABIN1539167 and ABIN2848571) western blot analysis in mouse heart tissue lysates (35 µg/lane). This demonstrates the RARB antibody detected the RARB protein (arrow).