

# Datasheet for ABIN2777235

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





## Overview

Overview	
Quantity:	100 μL
Target:	Retinoic Acid Receptor beta (RARB)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Retinoic Acid Receptor beta antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human RARB
Sequence:	EKALKACFSG LTQTEWQHRH TAQSIETQST SSEELVPSPP SPLPPPRVYK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 92%, Rabbit:
	100%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against RARB. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	
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Target Details  Target:	Retinoic Acid Receptor beta (RARB)

Target Details	
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
	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.
	Protein Interaction Partner: RXRG, RXRB, MEOX2, ITGB1BP2, PRKD2, SMAD2, CCNH, HACE1,
	PNRC1, NCOR2, EIF3I, NCOA1, MAP6, SRC, RXRA, HR, GATA3, NCOA3, CEBPB, CEBPA, NR4A2,
	DNMT3B, DNMT3A, DNMT1, HIST4H4, HDAC1,
	Protein Size: 448
Molecular Weight:	49 kDa
Gene ID:	5915
Pathways:	Nuclear Receptor Transcription Pathway, Retinoic Acid Receptor Signaling Pathway, Steroid
	Hormone Mediated Signaling Pathway
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	

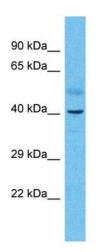
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	-20 °C

# Handling

Storage Comment:

For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## **Images**



Host: Rabbit

Target Name: RARB

Sample Tissue: Uterus Tumor Lysate

Antibody Dilution: 1.0µg/ml

### **Western Blotting**

Image 1. Host: Rabbit Target Name: RARB Sample Type:

Uterus Tumor lysates Antibody Dilution: 1.0ug/ml