

Datasheet for ABIN2777235

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



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1 Image

Overview

Quantity:	100 µL
Target:	Retinoic Acid Receptor beta (RARβ)
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 RARβ
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 RARβ. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

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

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

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

