

Product datasheet for **TA329225**

Retinoic Acid Receptor beta (RARβ) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-RARβ antibody is: synthetic peptide directed towards the N-terminal region of Human RARβ. Synthetic peptide located within the following region: EKALKACFSGLTQTEWQHRHTAQSJETQSTSSEELVSPSPPLPPRVYK
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	49 kDa
Gene Name:	retinoic acid receptor beta
Database Link:	NP_057236 Entrez Gene 5915 Human P10826



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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.

Synonyms:

HAP; MCOPS12; NR1B2; RARbeta1; RRB2

Note:

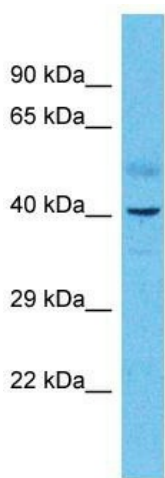
Immunogen sequence homology: Dog: 100%; Horse: 100%; Human: 100%; Bovine: 100%; Rabbit: 100%; Pig: 93%; Guinea pig: 93%; Rat: 92%; Mouse: 92%

Protein Families:

Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

Protein Pathways:

Non-small cell lung cancer, Pathways in cancer, Small cell lung cancer

Product images:

Host: Rabbit

Target Name: RARB

Sample Tissue: Uterus Tumor Lysate

Antibody Dilution: 1.0µg/ml

Host: Rabbit; Target Name: RARB; Sample Tissue: Uterus Tumor lysates; Antibody Dilution: 1.0ug/ml