

## Product datasheet for **TA338355**

### Retinoic Acid Receptor beta (RARβ) Rabbit Polyclonal Antibody

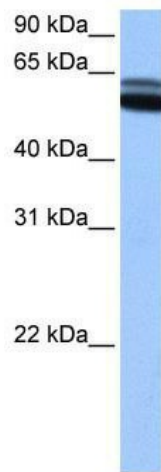
#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-RARβ antibody: synthetic peptide directed towards the C terminal of human RARβ. Synthetic peptide located within the following region: SAKGAERVITLKMEIPGSMPLIQEMLENSEGHEPLTPSSSGNTAEHSPS
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:	50 kDa
Gene Name:	retinoic acid receptor beta
Database Link:	<a href="#">NP_000956</a> <a href="#">Entrez Gene 218772 Mouse</a> <a href="#">Entrez Gene 5915 Human</a> <a href="#">P10826</a>

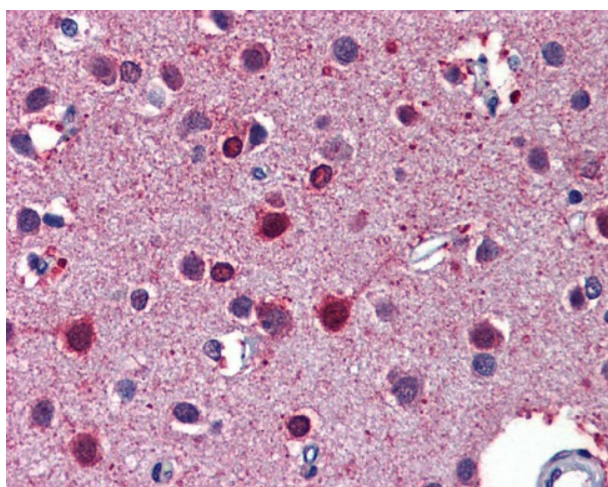


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- Background:** This gene encodes retinoic acid receptor beta, a member of the thyroid-steroid hormone receptor superfamily of nuclear transcriptional regulators. This receptor localizes to the cytoplasm and to subnuclear compartments. It binds retinoic 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. Alternate promoter usage and differential splicing result in multiple transcript variants. [provided by RefSeq, Mar 2014]
- Synonyms:** HAP; MCOPS12; NR1B2; RARbeta1; RRB2
- Note:** Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%
- 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:**



WB Suggested Anti-RARβ Antibody Titration: 0.2-1 ug/ml; Positive Control: Human brain



Brain, cortex