

## Product datasheet for **TA349211**

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

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 200-1000 WB positive control: K562 cells and human normal liver tissue
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human RARβ
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
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_057236</a> <a href="#">Entrez Gene 218772 Mouse</a> <a href="#">Entrez Gene 5915 Human</a> <a href="#">P10826</a>

**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



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**Synonyms:** HAP; MCOPS12; NR1B2; RARbeta1; RRB2

**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:**



Gel: 10%SDS-PAGE

Lysate: 40 µg

Lane 1-2: K562 cells

human normal liver tissue

Primary antibody: TA349211 (RARβ Antibody) at dilution 1/283

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 20 seconds