

## Product datasheet for **TA348432**

### Retinoic Acid Receptor alpha (RARA) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-Phospho-Retinoic Acid Receptor alpha (Ser77) Antibody: A synthesized peptide derived from human Retinoic Acid Receptor alpha around the phosphorylation site of Sersine 77
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20?. Stable for 12 months from date of receipt
Concentration:	lot specific
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	45 kDa
Gene Name:	retinoic acid receptor alpha
Database Link:	<a href="#">NP_000955</a> <a href="#">Entrez Gene 19401 Mouse</a> <a href="#">Entrez Gene 24705 Rat</a> <a href="#">Entrez Gene 5914 Human</a> <a href="#">P10276</a>
Background:	RARA is a receptor for retinoic acid, a potent mammalian morphogen and teratogen that has profound effects on vertebrate development. RARA is a member of the nuclear receptor superfamily. Controls cell function by directly regulating gene expression. Its phosphorylation is crucial for transcriptional activity. Aberrations involving RARA may be a cause of acute promyelocytic leukemia. Two splice-variant isoforms have been described.



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**Synonyms:** NR1B1; RAR

**Note:** Phospho-Retinoic Acid Receptor alpha (Ser77) Antibody detects endogenous levels of Retinoic Acid Receptor alpha only when phosphorylated at Sersine 77

**Protein Families:** Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

**Protein Pathways:** Acute myeloid leukemia, Pathways in cancer

### Product images:

