

Product datasheet for TA348432

OriGene Technologies, Inc.

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Retinoic Acid Receptor alpha (RARA) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: WB: 1:500-1:2000 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: NP 000955

Entrez Gene 19401 MouseEntrez Gene 24705 RatEntrez Gene 5914 Human

P10276

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

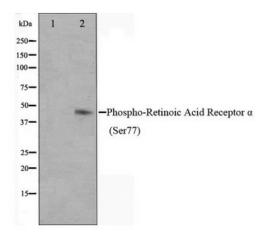
Note: Phospho-Retinoic Acid Receptor alpha (Ser77) Antibody detects endogenous levels of Retinoic

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:



Western blot analysis on Jurkat cell lysate using Phospho-Retinoic Acid Receptor alpha (Ser77) Antibody