# Rabbit Retinoic Acid Receptor alpha Antibody | anti-RRA antibody

Retinoic Acid Receptor alpha (Phospho-Ser77)Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA112033** | **Rabbit** | **Human (Identities= 100%, Positives= 100%)Mouse (Identities 100%, Positives= 100%)Rat (Identities= 100%, Positives 100%)** | **ELISA, Immunohistochemistry, Western Blot** |

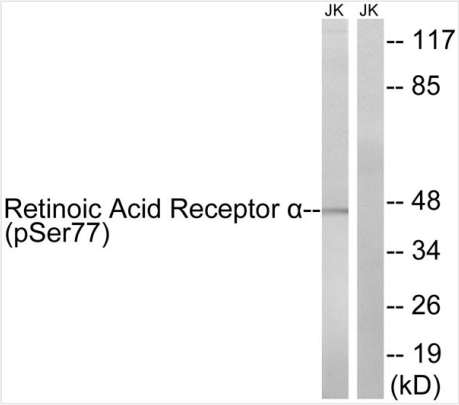
## PRODUCT SYNONYMS

Retinoic Acid Receptor alpha; Retinoic Acid Receptor alpha (Phospho-Ser77)Antibody; NR1B1; RAR-alpha; Retinoic acid receptor alpha; retinoic acid receptor; alpha; anti-RRA antibody

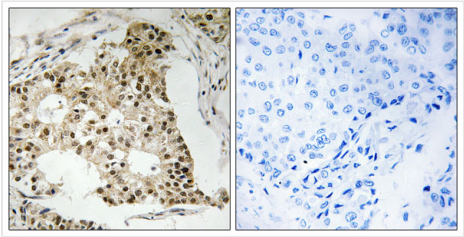
## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human (Identities= 100%, Positives= 100%)<br>Mouse (Identities 100%, Positives= 100%)<br>Rat (Identities= 100%, Positives 100%) |
| **Isotype** | IgG |
| **Specificity** | Retinoic Acid Receptor alpha (Phospho-Ser77) antibody detects endogenous levels of Retinoic Acid Receptor alpha only when phosphorylated at serine 77. |
| **Purity/Purification** | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody againstnon-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site. |
| **Form/Format** | In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| **Concentration** | 1mg/ml (varies by lot) |
| **Sequence Length** | 462 |
| **Applicable Applications for anti-RRA antibody** | ELISA, IHC (Immunohistochemistry), WB (Western Blot) |
| **Immunogen** | The antiserum was produced against synthesized phosphopeptide derived from human Retinoic Acid Receptor alpha around the phosphorylation site of serine 77 (P-P-SP-P-P). |
| **All Sites** | Human: Ser77<br>Mouse: Ser77<br>Rat: Ser74 |
| **Preparation and Storage** | Store at-20 degree C for 1 year. |

## IMAGES




**IHC (Immunohiostchemistry)**
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using Retinoic Acid Receptor alpha (Phospho-Ser77) antibody. Western blot analysis of extracts from Jurkat cells treated with PMA (125ng/ml, 30mins), using Retinoic Acid Receptor alpha (Phospho-Ser77) antibody.



**Application Data**
P-peptide-+

## ADDITIONAL INFORMATION

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|---|---|
| **References** | Giguere V., Nature 330:624-629(1987). Chen Z., Proc. Natl. Acad. Sci. U.S.A. 91:1178-1182(1994). Hjalt T.A.H., Mamm. Genome 10:528-529(1999). |

## NCBI AND UNIPROT INFORMATION

| | |
|---|---|
| **NCBI GI #** | 4506419 |
| **NCBI GeneID** | 5914 |
| **NCBI Accession #** | NP_000955.1 |
| **NCBI GenBank Nucleotide #** | NM_000964.3 |
| **UniProt Accession #** | P10276; P78456; Q13440; Q13441; Q96S41; Q9NQS0; B8Y636 |
| **NCBI Official Full Name** | retinoic acid receptor alpha isoform 1 |
| **NCBI Official Synonym Full Names** | retinoic acid receptor alpha |
| **NCBI Official Symbol** | RARA |
| **NCBI Official Synonym Symbols** | RAR; NR1B1 |
| **NCBI Protein Information** | retinoic acid receptor alpha |
| **UniProt Protein Name** | Retinoic acid receptor alpha |
| **UniProt Gene Name** | **RARA** |
| **UniProt Synonym Gene Names** | NR1B1; RAR-alpha |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/rabbit-rra-human-mouse-rat-antibody/retinoic-acid-receptor-alpha/112033