

Retinoic Acid Receptor alpha Antibody | anti-RRA antibody

Retinoic Acid Receptor alpha (Phospho-Ser77)Antibody

CATALOG # AAA108909	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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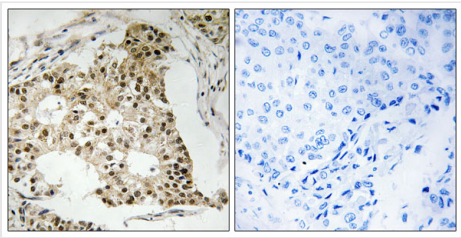
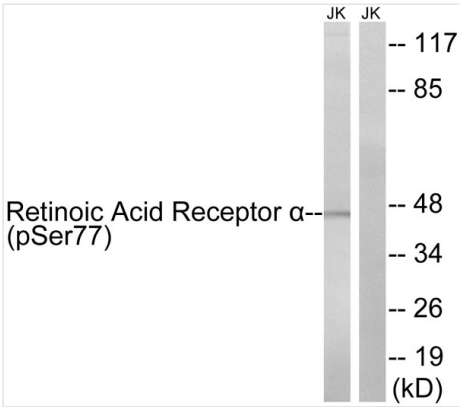
PRODUCT SYNONYMS

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

Reactivity	Human, Mouse, Rat
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 against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
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 Mouse: Ser77 Rat: Ser74
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)
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.

ADDITIONAL INFORMATION

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).
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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
Molecular Weight	39,700 Da
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.