

RAR alpha(Phospho Ser77) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07787
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Retinoic Acid Receptor alpha around the phosphorylation site of Ser77. AA range:46-95
Mol wt	50771
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Retinoic acid receptor alpha
Synonyms	Retinoic acid receptor alpha; RARA; NR1B1; Retinoic acid receptor alpha; RAR-alpha; Nuclear receptor subfamily 1 group B member 1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene represents a nuclear retinoic acid receptor. The encoded protein, retinoic acid receptor alpha, regulates transcription in a ligand-dependent manner. This gene has been implicated in regulation of development, differentiation, apoptosis, granulopoiesis, and transcription of clock genes. Translocations between this locus and several other loci have been associated with acute promyelocytic leukemia. Alternatively spliced transcript variants have been found for this locus.

Recommended Dilution

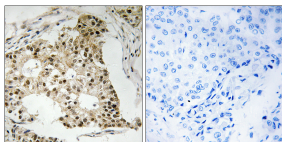
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

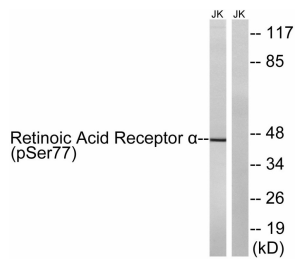
ELISA: 1: 5000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using Retinoic Acid Receptor alpha (Phospho-Ser77) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from Jurkat cells treated with PMA 125ng/ml 30' and Jurkat cells treated with insulin 0.01U/ml 15', using Retinoic Acid Receptor alpha (Phospho-Ser77) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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