

Rabbit RORA Polyclonal Antibody | anti-RORA antibody

RORA Antibody (T216)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284500	Rabbit	Human (Predicted Reactivity: Mouse)	Immunofluorescence, ELISA, Western Blot

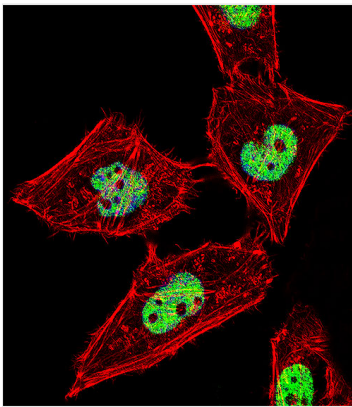
PRODUCT SYNONYMS

RORA; Polyclonal Antibody; RORA Antibody (T216); Nuclear receptor ROR-alpha; Nuclear receptor RZR-alpha; Nuclear receptor subfamily 1 group F member 1; RAR-related orphan receptor A; Retinoid-related orphan receptor-alpha; NR1F1; RZRA; anti-RORA antibody

PRODUCT SPECIFICATIONS

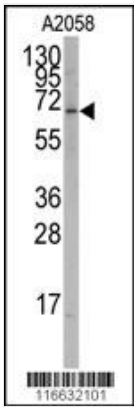
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RORA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 193-222 amino acids from human RORA.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.36 (varies by lot)
Sequence Positions	193-222
Sequence Length	468
Applicable Applications for anti-RORA antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Fluorescent confocal image of HeLa cell stained with RORA Antibody (T216). HeLa cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with RORA primary antibody (1:25, 1 h at 37 degree). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 degree).Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37 degree). Nuclei were counterstained with DAPI (blue) (10 ug/ml, 10 min). RORA immunoreactivity is localized to Nucleus significantly.



WB (Western Blot)

Western blot analysis of anti-RORA Antibody (T216) in A2058 cell line lysates (35ug/lane). RORA (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-RORA antibody	RORA is a member of the NR1 subfamily of nuclear hormone receptors. It can bind as a monomer or as a homodimer to hormone response elements upstream of several genes to enhance the expression of those genes. The specific functions of this protein are not known, but it has been shown to interact with NM23-2, a nucleoside diphosphate kinase involved in organogenesis and differentiation, as well as with NM23-1, the product of a tumor metastasis suppressor candidate gene.
Product Categories/Family for anti-RORA antibody	Cancer; Cell biology; Neuroscience
References	Lechtken,A., Biochem. Biophys. Res. Commun. 358 (3), 890-896 (2007) Lanoix,D.,Hum. Reprod. 21 (8), 1981-1989 (2006) Boukhtouche,F., J. Neurochem. 96 (6), 1778-1789 (2006) Klar,J., Eur. J. Hum. Genet. 13 (8), 928-934 (2005) Giguere,V., Genomics 28 (3), 596-598 (1995)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506577
NCBI GeneID	6095
NCBI Accession #	NP_002934.1; NP_599022.1; NP_599023.1; NP_599024.1
NCBI GenBank Nucleotide #	NM_002943.3
UniProt Accession #	P35398; P35397; P35399; P45445; Q495X4; Q96H83
Molecular Weight	58975
NCBI Official Full Name	nuclear receptor ROR-alpha isoform c
NCBI Official Synonym Full Names	RAR-related orphan receptor A
NCBI Official Symbol	RORA
NCBI Official Synonym Symbols	ROR1; ROR2; ROR3; RZRA; NR1F1; RZR-ALPHA
NCBI Protein Information	nuclear receptor ROR-alpha

UniProt Protein Name	Nuclear receptor ROR-alpha
UniProt Gene Name	RORA
UniProt Synonym Gene Names	NR1F1; RZRA
UniProt Entry Name	RORA_HUMAN

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/polyclonal/rora-antibody-immunofluorescence-western-blot-elisa/284500>