

Rabbit anti-Human RORA / ROR Alpha Polyclonal Antibody | anti-RORA antibody

Rabbit Polyclonal to Human RORA / ROR Alpha

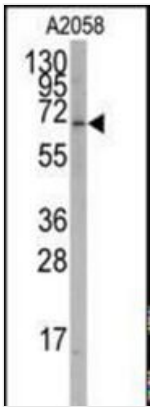
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52511	Rabbit	Human	Western Blot, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

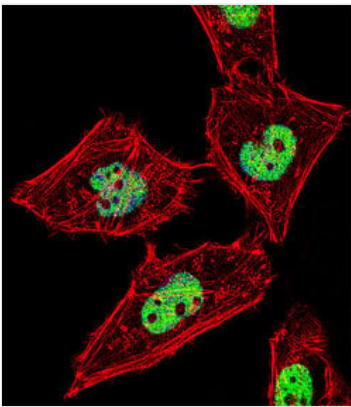
RORA / ROR Alpha; Polyclonal Antibody; Rabbit Polyclonal to Human RORA / ROR Alpha; Anti-RORA / ROR Alpha Antibody (Thr216) IHC-plus; RORA; Nuclear receptor ROR-alpha; Nuclear receptor RZR-alpha; Roralpha; Transcription factor RZR-alpha; RAR-related orphan receptor A; ROR-alpha; ROR3; RZRA; NR1F1; ROR Alpha; RZR-ALPHA; Human RORA; anti-RORA antibody

PRODUCT SPECIFICATIONS

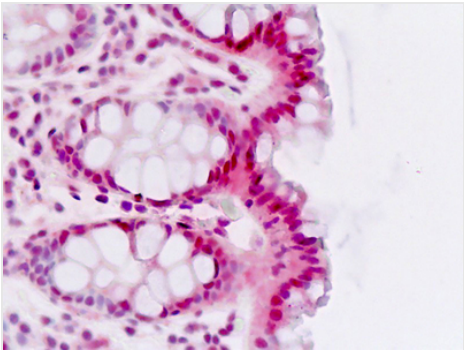
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.09% sodium azide
Sequence Length	548
Applicable Applications for anti-RORA antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	KLH conjugated synthetic peptide corresponding to amino acid residues surrounding T216 of human RORA.
Immunogen Type	Synthetic peptide
Immunogen	RORA / ROR Alpha antibody was raised against KLH conjugated synthetic peptide corresponding to amino acid residues surrounding T216 of human RORA.
Antigen Modification	Thr216
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.



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



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



IHC (Immunohistochemistry)
Anti-RORα / RORα antibody IHC staining of human colon. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-RORα antibody	Retinoid-related orphan receptor alpha (RORα), a NR1 Thyroid Hormone-Like Receptor, has been shown to affect the development of the central nervous system. Deletion of RORα in mice causes severe impairment in the differentiation of cerebellar Purkinje neurons and results in the 'staggerer' phenotype. RORα has been suggested as a potential target in the treatment of chronic inflammatory diseases, including atherosclerosis and rheumatoid arthritis.
Product Categories/Family for anti-RORα antibody	Family: NHR; Subfamily: NR1 Thyroid hormone-like

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506577
NCBI GeneID	6095
NCBI Accession #	NP_002934.1
NCBI GenBank Nucleotide #	NM_002943.3
UniProt Accession #	P35398; P35397; P35399; P45445; Q495X4; Q96H83
Molecular Weight	53,556 Da

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; nuclear receptor RZR-alpha; transcription factor RZR-alpha; retinoid-related orphan receptor alpha; nuclear receptor subfamily 1 group F member 1; thyroid hormone nuclear receptor alpha variant 4; retinoic acid receptor-related orphan receptor 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-ror-alpha-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/52511>