

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

Rabbit Polyclonal to Human RORA / ROR Alpha

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51148	Rabbit	Bat, Gibbon, Bovine, Dog, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Pig, Rabbit, Rat Predicted Reactivity: Chicken, Xenopus, Zebrafish (at least 90% immunogen sequence identity)	Immunohistochemistry

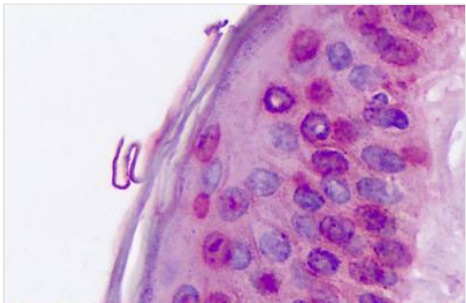
PRODUCT SYNONYMS

RORA / ROR Alpha; Polyclonal Antibody; Rabbit Polyclonal to Human RORA / ROR Alpha; Anti-RORA / ROR Alpha Antibody (Hinge Domain) 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

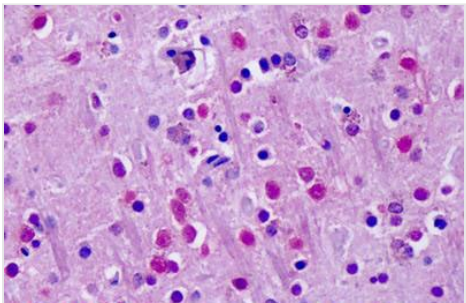
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bat, Gibbon, Bovine, Dog, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Pig, Rabbit, Rat Predicted Reactivity: Chicken, Xenopus, Zebrafish (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human ROR Alpha. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except RORB (65%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	548
Applicable Applications for anti-RORA antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 20 amino acid peptide from hinge domain of human ROR Alpha. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Bovine, Dog, Bat, Hamster, Elephant, Panda, Horse, Rabbit, Pig (100%).
Immunogen Type	Synthetic peptide
Immunogen	RORA / ROR Alpha antibody was raised against synthetic 20 amino acid peptide from hinge domain of human ROR Alpha. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Bovine, Dog, Bat, Hamster, Elephant, Panda, Horse, Rabbit, Pig (100%); Opossum, Turkey, Chicken, Platypus, Xenopus, Pufferfish, Zebrafish, Stickleback (95%).
Antigen Modification	Hinge Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-ROR Alpha / RORA antibody IHC of human skin. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 11-17 ug/ml.



IHC (Immunohistochemistry)
Anti-ROR Alpha / RORA antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 11-17 ug/ml.

ADDITIONAL INFORMATION

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

