

Rabbit RORC Polyclonal Antibody | anti-RORC antibody

RORC antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200902	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep, Zebrafish	Western Blot, Immunohistochemistry

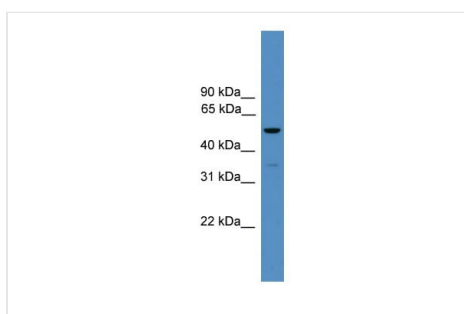
PRODUCT SYNONYMS

RORC; Polyclonal Antibody; RORC antibody - N-terminal region; anti-RORC antibody

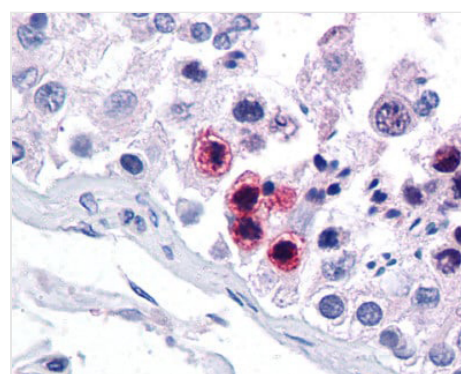
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: KLCGDKSSGIHYGVITCEGCKGFFRRSQRCNAAYSCTRQQNCPIDRTSRN
Sequence Length	497
Applicable Applications for anti-RORC antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 86%; Dog: 79%; Goat: 79%; Guinea Pig: 79%; Horse: 86%; Human: 100%; Mouse: 86%; Pig: 100%; Rabbit: 79%; Rat: 86%; Sheep: 79%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human RORC
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

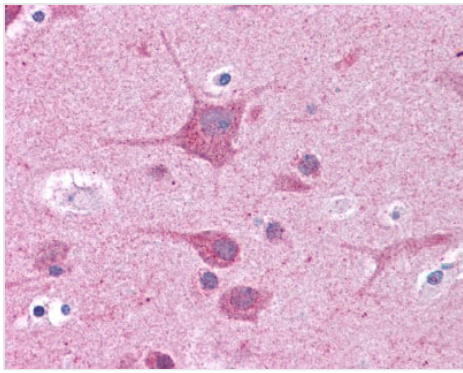
IMAGES


WB (Western Blot)

WB Suggested Anti-RORC Antibody Titration: 1 ug/ml Positive Control: Fetal Brain Lysate


IHC (Immunohistochemistry)

Human Testis



IHC (Immunohistochemistry)
Human Testis

ADDITIONAL INFORMATION

Related Product Information for anti-RORC antibody	This is a rabbit polyclonal antibody against RORC. It was validated on Western Blot Target Description: RORC encodes a protein which is a DNA-binding transcription factor and is a member of the NR1 subfamily of nuclear hormone receptors. The specific functions of this protein are not known; however, studies of a similar gene in mice have shown that RORC may be essential for lymphoid organogenesis and may play an important regulatory role in thymopoiesis. In addition, studies in mice suggest that the protein encoded by this gene may inhibit the expression of Fas ligand and IL2. The protein encoded by this gene is a DNA-binding transcription factor and is a member of the NR1 subfamily of nuclear hormone receptors. The specific functions of this protein are not known; however, studies of a similar gene in mice have shown that this gene may be essential for lymphoid organogenesis and may play an important regulatory role in thymopoiesis. In addition, studies in mice suggest that the protein encoded by this gene may inhibit the expression of Fas ligand and IL2. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-RORC antibody	Polyclonal; Transcription Factor; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Developmental Biology; Immunohistochemistry; Receptors; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	48255918
NCBI GeneID	6097
NCBI Accession #	NP_001001523
NCBI GenBank Nucleotide #	NM_001001523
UniProt Accession #	B3KUU9; P51449
Molecular Weight	56kDa
NCBI Official Full Name	nuclear receptor ROR-gamma isoform b
NCBI Official Synonym Full Names	RAR related orphan receptor C
NCBI Official Symbol	RORC
NCBI Official Synonym Symbols	TOR; RORG; RZRG; IMD42; NR1F3; RZR-GAMMA
NCBI Protein Information	nuclear receptor ROR-gamma

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.