

Rabbit anti-Human, Mouse RAR Related Orphan Receptor Alpha (RORa) Polyclonal Antibody | anti-RORa antibody

Polyclonal Antibody to RAR Related Orphan Receptor Alpha (RORa)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA130811	Rabbit	Human, Mouse	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

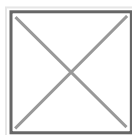
PRODUCT SYNONYMS

RAR Related Orphan Receptor Alpha (RORa); Polyclonal Antibody; Polyclonal Antibody to RAR Related Orphan Receptor Alpha (RORa); anti-RORa antibody

PRODUCT SPECIFICATIONS

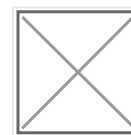
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against RORa. It has been selected for its ability to recognize RORa in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ , 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and its sequence is listed below. MGSS HHHHHHSSGL VPRGSHMASM TGGQQMGRGS EF-QKCLAVG MSRDVAFGR MSKKQRDSLY AEVQKHRMQQ QQRDHQQPG EAEPLTPTYN ISANGLTELH DDLSNYIDGH TPEGSKADSA VSSFYLDIQP SPDQSGLDIN GIKPEPICDY TPASGFFPYC SFTNGETSPT VSMAELEHLA QNISKSHLET CQYLREELQQ ITWQTFLEEE IENYQNKQRE VMWQLCAIKI TEAIQYVVEF AKRIDGFMEEL CQNDQIVLLK AGSLEVVFIR M
Sequence Length	267
Applicable Applications for anti-RORa antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant RORa (Gln164-Met401) expressed in E.coli.
Cross Reactivity	Human, Mouse
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type PC3 cell lysate; Lane 2: RORa knockout PC3 cell lysate; Predicted MW: 63kd Observed MW: 54kd Primary Ab: 1ug/ml Rabbit Anti-Human RORa Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on IHC-P. Samples: Human Tissue

**WB (Western Blot)**

Western Blot: Sample: Recombinant RORα, Human.

**WB (Western Blot)**

Western Blot: Sample: Lane1: Human PC-3 Cells; Lane2: Human Liver Tissue; Lane3: Mouse Kidney Tissue.

ADDITIONAL INFORMATION**Product Categories/Family for anti-RORα antibody**

Knock-Out Validation Antibody

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

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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