

Rabbit RARA Polyclonal Antibody | anti-RARA antibody

RARA antibody - middle region

CATALOG # AAA201776	HOST Rabbit	REACTIVITY Cow, Dog, Human, Mouse, Rabbit, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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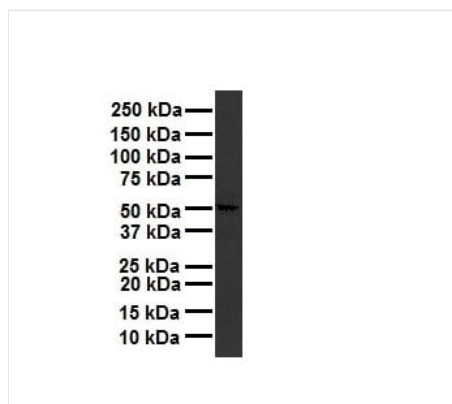
PRODUCT SYNONYMS

RARA; Polyclonal Antibody; RARA antibody - middle region; anti-RARA antibody

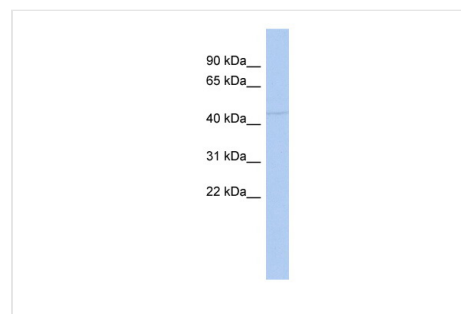
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Human, Mouse, Rabbit, Rat
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: EM LENSEGLDTL SGQPGGGGRD GGGLAPPPGS CSPSLSPSSN RSSPATHS
Sequence Length	462
Applicable Applications for anti-RARA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Human: 100%; Mouse: 85%; Rabbit: 100%; Rat: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human RARA
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.

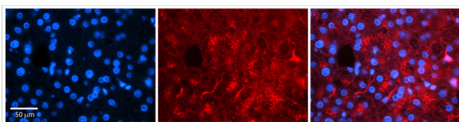
IMAGES


WB (Western Blot)

WB Suggested Anti-RARA antibody Titration: 1 ug/mL Sample Type: Human liver


WB (Western Blot)

WB Suggested Anti-RARA Antibody Titration: 0.2-1 ug/mL ELISA Titer: 1:312500 Positive Control: OVCAR-3 cell lysate RARA is supported by BioGPS gene expression data to be expressed in OVCAR3



IHC (Immunohistochemistry)

Rabbit Anti-RARA Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Adult liver
Observed Staining: Cytoplasmic (abundant), Nuclear (very rare)
Primary Antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy2/3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec
Protocol located in Reviews and Data.

ADDITIONAL INFORMATION

Related Product Information for anti-RARA antibody	This is a rabbit polyclonal antibody against RARA. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Retinoid signaling is transduced by 2 families of nuclear receptors, retinoic acid receptor (RAR) and retinoid X receptor, which form RXR/RAR heterodimers. In the absence of ligand, DNA-bound RXR/RARA represses transcription by recruiting the corepressors NCOR1, SMRT, and histone deacetylase. When ligand binds to the complex, it induces a conformational change allowing the recruitment of coactivators, histone acetyltransferases, and the basic transcription machinery.
Product Categories/Family for anti-RARA antibody	Polyclonal; RNA Binding Proteins; Cell Biology; Chromatin & Nuclear Signaling; Signal Transduction; Epigenetics; Receptors; Pathways In Cancer; Phosphorylation; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506419
NCBI GeneID	5914
NCBI Accession #	NP_000955
NCBI GenBank Nucleotide #	NM_000964
UniProt Accession #	P10276
Molecular Weight	51kDa
NCBI Official Full Name	retinoic acid receptor alpha isoform 1
NCBI Official Synonym Full Names	retinoic acid receptor alpha
NCBI Official Symbol	RARA
NCBI Official Synonym Symbols	RAR; NR1B1
NCBI Protein Information	retinoic acid receptor alpha
UniProt Protein Name	Retinoic acid receptor alpha
UniProt Gene Name	RARA
UniProt Synonym Gene Names	NR1B1; RAR-alpha
UniProt Entry Name	RARA_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://www.aaabiotech.com/polyclonal/rara-antibody-immunohistochemistry-western-blot-elisa/201776>