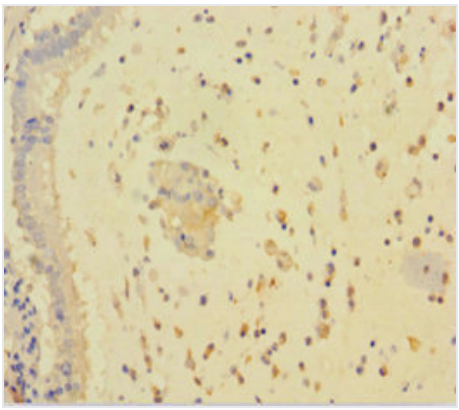
RARRES3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RARRES3, Polyclonal Antibody
Full Product Name	RARRES3 Antibody
Product Gene Name	anti-RARRES3 antibody
Product Synonym Names	Retinoic acid receptor responder protein 3; HRAS-like suppressor 4; HRSL4; RAR-responsive protein TIG3; Retinoid-inducible gene 1 protein; Tazarotene-induced gene 3 protein; RARRES3; RIG1; TIG3
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%,Protein G purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.
Matching Pairs	Unconjugated Antibody: RARRES3 (MBS7006632) HRP Conjugated Antibody: RARRES3 (MBS7000472)
Matching Pairs	Unconjugated Antibody: RARRES3 (MBS7006632) Biotin Conjugated Antibody: RARRES3 (MBS7003910)
Matching Pairs	Unconjugated Antibody: RARRES3 (MBS7006632) FITC Conjugated Antibody: RARRES3 (MBS7004963)
Molecular Weight	17,436 Da
OMIM	605092
3D Structure	ModBase 3D Structure for Q9UL19
Immunogen	Recombinant human Retinoic acid receptor responder protein 3 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-47487 / sc-47488 / sc-67174
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-RARRES3 antibody	ELISA (EIA), Immunohistochemistry (IHC)
Related Product Information for anti-RARRES3 antibody	Exhibits PLA1/2 activity, catalyzing the calcium-independent hydrolysis of acyl groups in various phosphotidylcholines (PC) and phosphatidylethanolamine (PE). For most substrates, PLA1 activity is much higher than PLA2 activity. N- and O-acylation activity is hardly detectable.
Other Notes	Small volumes of anti-RARRES3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for RARRES3 purchase	MBS7006632 is an antibody targeting RARRES3. Also known as RARRES3 Antibody. Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-RARRES3 antibody
Immunohistochemistry of paraffin-embedded human lung cancer using MBS7006632 at dilution 1:100

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RARRES3. It may not necessarily be applicable to this product.

NCBI GI #	149588791
NCBI GeneID	5920
NCBI Accession #	NP_004576.2
UniProt Primary Accession #	Q9UL19
UniProt Secondary Accession #	O95200; B2R599; B4DDW2; E7ENZ7
UniProt Related Accession #	Q9UL19
GenBank Nucleotide #	NM_004585.4
NCBI Official Full Name	retinoic acid receptor responder protein 3
NCBI Official Synonym Full Names	retinoic acid receptor responder (tazarotene induced) 3
NCBI Official Symbol	RARRES3
NCBI Official Synonym Symbols	RIG1; TIG3; HRSL4; HRASLS4; PLA1/2-3
UniProt Protein Name	Retinoic acid receptor responder protein 3
UniProt Synonym Protein Names	HRAS-like suppressor 4; HRSL4; RAR-responsive protein TIG3; Retinoid-inducible gene 1 protein; Tazarotene-induced gene 3 protein
Protein Family	Retinoic acid receptor responder protein
UniProt Gene Name	RARRES3
UniProt Synonym Gene Names	RIG1; TIG3; HRSL4
UniProt Entry Name	HRSL4_HUMAN
NCBI Protein Information	retinoic acid receptor responder protein 3
NCBI Summary for RARRES3	Retinoids exert biologic effects such as potent growth inhibitory and cell differentiation activities and are used in the treatment of hyperproliferative dermatological diseases. These effects are mediated by specific nuclear receptor proteins that are members of the steroid and thyroid hormone receptor superfamily of transcriptional regulators. RARRES1, RARRES2, and RARRES3 are genes whose expression is upregulated by the synthetic retinoid tazarotene. RARRES3 is thought act as a tumor suppressor or growth regulator. [provided by RefSeq, Jul 2008]

UniProt Comments for RARRES3	RARRES3: Exhibits PLA1/2 activity, catalyzing the calcium- independent hydrolysis of acyl groups in various phosphotidylcholines (PC) and phosphatidylethanolamine (PE). For most substrates, PLA1 activity is much higher than PLA2 activity. N- and O-acylation activity is hardly detectable. Belongs to the H-rev107 family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Cell cycle regulation; EC 3.1.1.- Chromosomal Location of Human Ortholog: 11q23 Cellular Component: integral to membrane Molecular Function: phospholipase A2 activity; protein binding Biological Process: lipid catabolic process; negative regulation of cell proliferation; phospholipid metabolic process
Research Articles on RARRES3	**1.** Gal1 and gal3 regulate the inflammatory response in airway epithelial cells exposed to microbial neuraminidase by modulating the expression of SOCS1 and RIG1.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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