

Rabbit anti-Human RARRES1 Polyclonal Antibody | anti-RARRES1 antibody

RARRES1 Antibody (C-term)

CATALOG # AAA284736	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

RARRES1; Polyclonal Antibody; RARRES1 Antibody (C-term); Retinoic acid receptor responder protein 1; Phorbol ester-induced gene 1 protein; PERG-1; RAR-responsive protein TIG1; Tazarotene-induced gene 1 protein; PEIG1; TIG1; anti-RARRES1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RARRES1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 134-163 amino acids from the C-terminal region of human RARRES1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	134-163
Sequence Length	228
Applicable Applications for anti-RARRES1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

RARRES1 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of RARRES1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

RARRES1 Antibody (C-term) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the RARRES1 antibody detected the RARRES1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-RARRES1 antibody	This gene was identified as a retinoid acid (RA) receptor-responsive gene. It encodes a type 1 membrane protein. The expression of this gene is upregulated by tazarotene as well as by retinoic acid receptors. The expression of this gene is found to be downregulated in prostate cancer, which is caused by the methylation of its promoter and CpG island. Alternatively spliced transcript variant encoding distinct isoforms have been observed.
Product Categories/Family for anti-RARRES1 antibody	Cancer
References	Wheeler, H.E., et al. PLoS Genet. 5 (10), E1000685 (2009) : Kwok, W.K., et al. Cancer Genet. Cytogenet. 194(1):58-64(2009) Ohnishi, S., et al. Cell Prolif. 42(3):309-316(2009) Son, M.S., et al. Oncol. Res. 17 (11-12), 571-580 (2009) : Shutoh, M., et al. Cancer 104(8):1609-1619(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	46255041
NCBI GeneID	5918
NCBI Accession #	NP_002879.2; NP_996846.1
NCBI GenBank Nucleotide #	NM_002888.3
UniProt Accession #	P49788; Q8N1D7
Molecular Weight	33285
NCBI Official Full Name	retinoic acid receptor responder protein 1 isoform 2
NCBI Official Synonym Full Names	retinoic acid receptor responder (tazarotene induced) 1
NCBI Official Symbol	RARRES1
NCBI Official Synonym Symbols	LXNL; TIG1; PERG-1
NCBI Protein Information	retinoic acid receptor responder protein 1
UniProt Protein Name	Retinoic acid receptor responder protein 1
UniProt Gene Name	RARRES1
UniProt Synonym Gene Names	PEIG1; TIG1; PERG-1
UniProt Entry Name	TIG1_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.