

**RARRES1 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP57422****Specification****RARRES1 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, E
Primary Accession	<a href="#">P49788</a>
Reactivity	Rat, Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human RARRES1
Epitope Specificity	201-294/294
Isotype	IgG
<b>Purity</b>	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane; Single-pass type II membrane protein (Potential).
SIMILARITY	Belongs to the protease inhibitor I47 (latexin) family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Background Descriptions**

RARRES1 (Retinoic acid receptor responder 1) is a retinoid-regulated gene whose expression is down-regulated through DNA hypermethylation. It was originally identified as a target gene that was induced by the synthetic retinoid tazarotene (AGN 190168). Its expression is upregulated by retinoic acid receptor-specific, but not by retinoid X receptor-specific retinoids. Although the function of RARRES1 is not entirely clear, it is thought to act as a tumor suppressor of a variety of human cancers since inactivation of RARRES1 is involved in the malignant progression of prostate cancer. It may also function as a cell adhesion molecule. Additionally, RARRES1 may also have protease inhibitor activity and inhibit the degradation of extracellular matrix.

**RARRES1 Polyclonal Antibody - Additional Information****Gene ID 5918****Other Names**

Retinoic acid receptor responder protein 1, Phorbol ester-induced gene 1 protein, PERG-1, RAR-responsive protein TIG1, Tazarotene-induced gene 1 protein, RARRES1, PEIG1, TIG1

**Dilution**

<span class = "dilution\_IHC-P">IHC-P~~N/A</span><br \><span class

= "dilution\_IHC-F" > IHC-F~~N/A </span> <br /> <span class = "dilution\_IF" > IF~~1:50~200 </span> <br /> <span class = "dilution\_E" > E~~N/A </span>

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**RARRES1 Polyclonal Antibody - Protein Information**

**Name** RARRES1

**Synonyms** PEIG1, TIG1

**Function**

Inhibitor of the cytoplasmic carboxypeptidase AGBL2, may regulate the alpha-tubulin tyrosination cycle.

**Cellular Location**

Membrane; Single- pass type III membrane protein. Secreted

**Tissue Location**

Detected in urine (at protein level).

**RARRES1 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**RARRES1 Polyclonal Antibody - Images**