

RARRES1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP13138b**Specification**

RARRES1 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [P49788](#)**RARRES1 Antibody (C-term) Blocking Peptide - 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

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13138b was selected from the C-term region of RARRES1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

RARRES1 Antibody (C-term) Blocking Peptide - Protein Information**Name** RARRES1**Synonyms** PEIG1, TIG1**Function**

Inhibitor of the cytoplasmic carboxypeptidase AGL2, 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 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

RARRES1 Antibody (C-term) Blocking Peptide - Images

RARRES1 Antibody (C-term) Blocking Peptide - Background

This gene was identified as a retinoid acid (RA)receptor-responsive gene. It encodes a type 1 membrane protein. Theexpression of this gene is upregulated by tazarotene as well as byretinoic acid receptors. The expression of this gene is found to bedownregulated in prostate cancer, which is caused by themethylation of its promoter and CpG island. Alternatively splicedtranscript variant encoding distinct isoforms have been observed.

RARRES1 Antibody (C-term) Blocking Peptide - 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)