

PTGR2 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP12869a

Specification

PTGR2 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [Q8N8N7](#)

PTGR2 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 145482

Other Names

Prostaglandin reductase 2, PRG-2, 15-oxoprostaglandin 13-reductase, Zinc-binding alcohol dehydrogenase domain-containing protein 1, PTGR2, ZADH1

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.

PTGR2 Antibody (N-term) Blocking peptide - Protein Information

Name PTGR2 ([HGNC:20149](#))

Synonyms ZADH1

Function

Functions as 15-oxo-prostaglandin 13-reductase and acts on 15-keto-PGE1, 15-keto-PGE2, 15-keto-PGE1-alpha and 15-keto-PGE2-alpha with highest activity towards 15-keto-PGE2 (PubMed:19000823). Overexpression represses transcriptional activity of PPARG and inhibits adipocyte differentiation (By similarity).

Cellular Location

Cytoplasm.

Tissue Location

Widely expressed..

PTGR2 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

PTGR2 Antibody (N-term) Blocking peptide - Images

PTGR2 Antibody (N-term) Blocking peptide - Background

This gene encodes an enzyme involved in the metabolism of prostaglandins. The encoded protein catalyzes the NADPH-dependent conversion of 15-keto-prostaglandin E2 to 15-keto-13,14-dihydro-prostaglandin E2. This protein may also be involved in regulating activation of the peroxisome proliferator-activated receptor. Alternative splicing results in multiple transcript variants.

PTGR2 Antibody (N-term) Blocking peptide - References

Wu, Y.H., et al. Structure 16(11):1714-1723(2008) Gao, K., et al. Int. J. Oncol. 32(6):1343-1349(2008) Chou, W.L., et al. J. Biol. Chem. 282(25):18162-18172(2007) Lamesch, P., et al. Genomics 89(3):307-315(2007) Zhang, L., et al. Cytogenet. Genome Res. 103 (1-2), 79-83 (2003)
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