

PTGR2 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP12869a**Specification****PTGR2 Antibody (N-term) Blocking peptide - Product Information**Primary Accession [O8N8N7](#)**PTGR2 Antibody (N-term) Blocking peptide - Additional Information**

Gene ID 145482

Other NamesProstaglandin 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 InformationName 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:<a href="ht

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) :

tp://www.uniprot.org/citations/19000823" target="_blank">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](#)