

**PTGR2 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51458**

**Specification**

---

**PTGR2 Antibody - Product Information**

Application	<b>WB, IP, IHC-P, E</b>
Primary Accession	<a href="#">O8N8N7</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>39 KDa</b>

**PTGR2 Antibody - 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**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**PTGR2 Antibody - 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:<a href="http://www.uniprot.org/citations/19000823" target="\_blank">19000823</a>). Overexpression represses transcriptional activity of PPARG and inhibits adipocyte differentiation (By similarity).

**Cellular Location**

Cytoplasm.

**Tissue Location**

Widely expressed..

## **PTGR2 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](#)

## **PTGR2 Antibody - Images**

## **PTGR2 Antibody - Background**

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. Overexpression represses transcriptional activity of PPARG and inhibits adipocyte differentiation (By similarity).

## **PTGR2 Antibody - References**

Zhang L., et al. Cytogenet. Genome Res. 103:79-83(2003).  
Zheng H., et al. Submitted (SEP-2003) to the EMBL/GenBank/DDBJ databases.  
Ota T., et al. Nat. Genet. 36:40-45(2004).  
Bechtel S., et al. BMC Genomics 8:399-399(2007).  
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.