

PTGR2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51458

Product Information

Application	WB, IP, IHC-P
Primary Accession	Q8N8N7
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38499

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
Dilution	WB~~1:1000 IP~~N/A IHC-P~~N/A
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

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..

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).

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).

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