

Anti-PTGR2 (aa 72-102) polyclonal antibody (DPABH-09049)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	Synthetic peptide within Human ZADH1 aa 72-102 (N terminal) conjugated to Keyhole Limpet Haemocyanin (KLH). The exact sequence is proprietary.Database link: Q8N8N7
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-P, WB
Format	Liquid
Size	100 µl
Buffer	Constituent: 99% PBS
Preservative	0.09% Sodium Azide
Storage	Shipped at 4°C. Store at 4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.

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GENE INFORMATION

Gene Name	PTGR2 prostaglandin reductase 3 [Homo sapiens]
Official Symbol	PTGR2
Synonyms	PTGR2; prostaglandin reductase 2; PGR2; ZADH1; HEL-S-298; PRG-2; 15-oxoprostaglandin 13-reductase; epididymis secretory protein Li 298; 15-oxoprostaglandin-delta13-reductase; zinc binding alcohol dehydrogenase, domain containing 1; zinc-binding alcohol dehydrogenase domain-containing protein 1;
Entrez Gene ID	145482
Protein Refseq	NP_001139626.1
UniProt ID	Q8N8N7
Function	13-prostaglandin reductase activity; 15-oxoprostaglandin 13-oxidase activity; NOT zinc ion binding;

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