

Rabbit anti-Human PTGR2 Polyclonal Antibody | anti-PTGR2 antibody

PTGR2 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289094	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

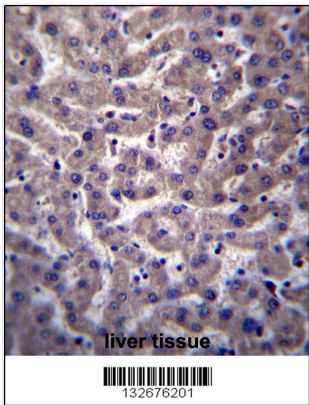
PRODUCT SYNONYMS

PTGR2; Polyclonal Antibody; PTGR2 Antibody (N-term); Prostaglandin reductase 2; PRG-2; 15-oxoprostaglandin 13-reductase; Zinc-binding alcohol dehydrogenase domain-containing protein 1; ZADH1; anti-PTGR2 antibody

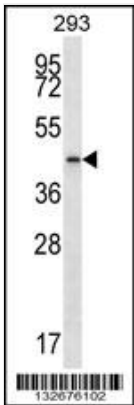
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PTGR2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 65-94 amino acids from the N-terminal region of human PTGR2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	65-94
Sequence Length	180
Applicable Applications for anti-PTGR2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
PTGR2 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of PTGR2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
PTGR2 Antibody (N-term) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the PTGR2 antibody detected the PTGR2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PTGR2 antibody	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.
Product Categories/Family for anti-PTGR2 antibody	Cell Biology; Metabolism
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) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	226246680
NCBI GeneID	145482
NCBI Accession #	NP_001139626.1; NP_001139627.1; NP_689657.1
NCBI GenBank Nucleotide #	NM_001146154.1
UniProt Accession #	Q8N8N7; Q3L8A4; Q6MZH8
Molecular Weight	38499
NCBI Official Full Name	prostaglandin reductase 2
NCBI Official Synonym Full Names	prostaglandin reductase 2
NCBI Official Symbol	PTGR2
NCBI Official Synonym Symbols	PGR2; ZADH1; HEL-S-298
NCBI Protein Information	prostaglandin reductase 2
UniProt Protein Name	Prostaglandin reductase 2

UniProt Gene Name	PTGR2
UniProt Synonym Gene Names	ZADH1; PRG-2
UniProt Entry Name	PTGR2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ptgr2-antibody-immunohistochemistry-western-blot-elisa/289094>