

Goat COX1/PTGS1 Polyclonal Antibody | anti-PTGS1 antibody

Goat anti-COX1/PTGS1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61130	Goat	Tested: Human; Expected from sequence similarity: Human	Immunohistochemistry, Western Blot, ELISA

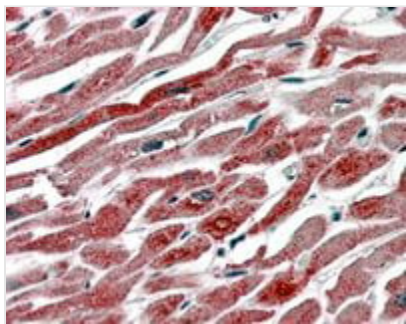
PRODUCT SYNONYMS

COX1/PTGS1; Polyclonal Antibody; Goat anti-COX1/PTGS1 Antibody; PTGS1; COX1; COX3; PHS1; PCOX1; PGHS1; PTGHS; PGG/HS; PGHS-1; prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase); prostaglandin G/H synthase and cyclooxygenase; RP11-542K23. 6; PTGS1 antibody; COX1 antibody; COX3 antibody; PHS1 antibody; PCOX1 antibody; PGHS1 antibody; PTGHS antibody; PGG/HS antibody; PGHS-1 antibody; prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase) antibody; prostaglandin G/H synthase and cyclooxygenase antibody; RP11-542K23. 6 antibody; COX1 / PTGS1; anti-PTGS1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	QDDGPAVERP STEL
Sequence Length	599
Applicable Applications for anti-PTGS1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-QDDGPAVERPSTEL, from the C Terminus of the protein sequence according to NP_000953.2; NP_542158.1.
Epitope	C Terminus
Note	This antibody is expected to recognise both human isoforms of this protein according to NP_000953.2 and NP_542158.1.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-1752
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
3.8ug/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



WB (Western Blot)
Staining (1ug/ml) of HeLa lysate (RIPA buffer, 30ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18104967
NCBI GeneID	5742
NCBI Accession #	NP_000953.2; NP_542158.1
NCBI GenBank Nucleotide #	NM_000962.3
Molecular Weight	72,010 Da
NCBI Official Full Name	prostaglandin G/H synthase 1 isoform 1
NCBI Official Synonym Full Names	prostaglandin-endoperoxide synthase 1
NCBI Official Symbol	PTGS1
NCBI Official Synonym Symbols	COX1; COX3; PHS1; PCOX1; PES-1; PGHS1; PTGHS; PGG/HS; PGHS-1
NCBI Protein Information	prostaglandin G/H synthase 1
UniProt Protein Name	Prostaglandin G/H synthase 1
UniProt Gene Name	PTGS1
UniProt Synonym Gene Names	COX1; COX-1; PGH synthase 1; PGHS-1; PHS 1
UniProt Entry Name	PGH1_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.