

Goat COX2/PTGS2 Polyclonal Antibody | anti-PTGS2 antibody

Goat anti-COX2/PTGS2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61208	Goat	Tested: Human; Expected from sequence similarity: Human, Dog, Pig, Cow	Western Blot, ELISA

PRODUCT SYNONYMS

COX2/PTGS2; Polyclonal Antibody; Goat anti-COX2/PTGS2 Antibody; PTGS2; COX2; prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase); COX-2; PHS-2; PGG/HS; PGHS-2; hCox-2; prostaglandin G/H synthase and cyclooxygenase; GRIPGHS; cyclooxygenase 2b; PTGS2 antibody; COX2 antibody; prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase) antibody; COX-2 antibody; PHS-2 antibody; PGG/HS antibody; PGHS-2 antibody; hCox-2 antibody; prostaglandin G/H synthase and cyclooxygenase antibody; GRIPGHS antibody; cyclooxygenase 2b antibody; COX2 / PTGS2; anti-PTGS2 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human, Dog, Pig, Cow
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	NPTVLLKERS TEL
Sequence Length	604
Applicable Applications for anti-PTGS2 antibody	WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-NPTVLLKERSTEL, from the C Terminus of the protein sequence according to NP_000954.1.
Epitope	C Terminus
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-1745
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)
Staining (0.5ug/ml) of H460 lysate (RIPA buffer, 35ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506265
NCBI GeneID	5743
NCBI Accession #	NP_000954.1
NCBI GenBank Nucleotide #	NM_000963.3
Molecular Weight	68,996 Da
NCBI Official Full Name	prostaglandin G/H synthase 2
NCBI Official Synonym Full Names	prostaglandin-endoperoxide synthase 2
NCBI Official Symbol	PTGS2
NCBI Official Synonym Symbols	COX2; COX-2; PHS-2; PGG/HS; PGHS-2; hCox-2; GRIPGHS
NCBI Protein Information	prostaglandin G/H synthase 2
UniProt Protein Name	Prostaglandin G/H synthase 2
UniProt Gene Name	PTGS2
UniProt Synonym Gene Names	COX2; COX-2; PGH synthase 2; PGHS-2
UniProt Entry Name	PGH2_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/cox2-ptgs2-antibody-western-blot-peptide-elisa-elisa/61208>