

Rabbit PTGS1 Polyclonal Antibody | anti-PTGS1 antibody

PTGS1 Polyclonal Antibody

CATALOG # AAA167840	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
-------------------------------	-----------------------	--	--

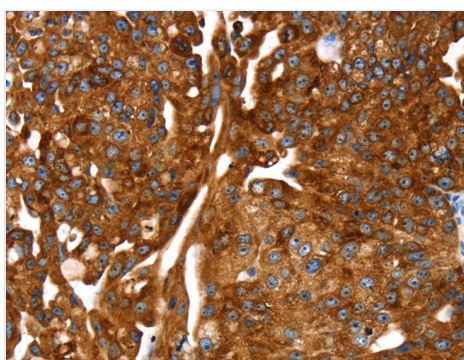
PRODUCT SYNONYMS

PTGS1; Polyclonal Antibody; PTGS1 Polyclonal Antibody; COX1; COX3; PHS1; PCOX1; PES-1; PGHS1; PTGHS; PGG/HS; PGHS-1; anti-PTGS1 antibody

PRODUCT SPECIFICATIONS

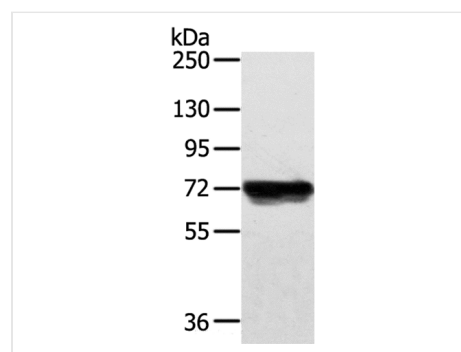
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.6mg/mL (varies by lot)
Sequence Length	599
Applicable Applications for anti-PTGS1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human PTGS1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer using PTGS1 Polyclonal Antibody at dilution of 1:20



WB (Western Blot)

Western Blot analysis of HeLa cell using PTGS1 Polyclonal Antibody at dilution of 1:200

ADDITIONAL INFORMATION

Related Product Information for anti-PTGS1 antibody	Cyclooxygenase-1 (COX-1), also known as prostaglandin G/H synthase 1, prostaglandin-endoperoxide synthase 1 or prostaglandin H2 synthase 1, is an enzyme that in humans is encoded by the PTGS1 gene. This is one of two genes encoding similar enzymes that catalyze the conversion of arachinodate to prostaglandin. The encoded protein regulates angiogenesis in endothelial cells, and is inhibited by nonsteroidal anti-inflammatory drugs such as aspirin. The protein may promote cell proliferation during tumor progression. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-PTGS1 antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	317373262
NCBI GeneID	5742
Molecular Weight	72,010 Da
NCBI Official Full Name	Prostaglandin G/H synthase 1
NCBI Official Synonym Full Names	prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase)
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; PGH synthase 1; cyclooxygenase-1; prostaglandin H2 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/ptgs1-antibody-immunohistochemistry-western-blot-elisa/167840>