

Rabbit Prostaglandin Endoperoxide Synthase 1 Polyclonal Antibody | anti-PTGS1 antibody

Polyclonal Antibody to Prostaglandin Endoperoxide Synthase 1 (PTGS1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA141715	Rabbit	Rat, Human, Mouse	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Prostaglandin Endoperoxide Synthase 1; Polyclonal Antibody; Polyclonal Antibody to Prostaglandin Endoperoxide Synthase 1 (PTGS1); anti-PTGS1 antibody

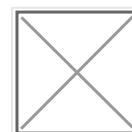
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat, Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against PTGS1. It has been selected for its ability to recognize PTGS1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a woN-terminal tag, His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-PVLLTDAG VPSPVNPCCY YPCQNQGVCV RFGLDHYQCD CTRTGYS GP NCTIPEIWTWL RSSLRPSPSF THFLLTHGYW IWEFVNATFI REVLMLRVIT VRSNLIPSP TYNTAHDYIS WESFSNVSYY TRILPSVPKD CPTPMGTGKG KQLPDIHLLA QRLLLRREFI PGPQGTNVLF AFFAQHFTHQ FFKTSGKMGP GFTKALGHGV DLGHIYGD SLERQYHLRLFK DGKLKYQVLD GEVYPPSVEQ ASVLMRY
Applicable Applications for anti-PTGS1 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	PTGS1 (Pro23~Tyr277)
Organism Species	Rattus norvegicus (Rat)
Cross Reactivity	Rat
Conjugate	No Conjugate
Immunogen	Recombinant PTGS1 (Pro23~Tyr277) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES


IHC (Immunohistochemistry)

DAB staining on IHC-P; Samples: Rat Liver Tissue


WB (Western Blot)

Western Blot: Sample: Recombinant protein.



WB (Western Blot)

Western Blot: Sample: Rat Bladder lysate; Primary Ab: 1ug/ml Rabbit Anti-Rat PTGS1
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	3914292
NCBI GeneID	24693
UniProt Accession #	Q63921; Q62731; Q63684
Molecular Weight	69,032 Da
NCBI Official Full Name	Prostaglandin G/H synthase 1
NCBI Official Synonym Full Names	prostaglandin-endoperoxide synthase 1
NCBI Official Symbol	Ptgs1
NCBI Official Synonym Symbols	Cox1; Cox3; Cox-1; Cox-3; 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	Cox-1; Cox1; COX-1; PGH synthase 1; PGHS-1; PHS 1

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/prostaglandin-endoperoxide-synthase-1-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/141715>