

Rabbit PTGS2 Polyclonal Antibody | anti-PTGS2 antibody

PTGS2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA243010	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

PTGS2; Polyclonal Antibody; PTGS2 Antibody; COX2; GRIPGHS; PGHS2; CYCLOOXYGENASE 2; GLUCOCORTICOID-REGULATED INFLAMMATORY PROSTAGLANDIN G/H SYNTHASE; anti-PTGS2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid; Rabbit IgG In Phosphate Buffered Saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol.
Applicable Applications for anti-PTGS2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthesized peptide derived from human Cox2.
Immunogen Species	Human
Conjugate	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



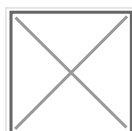
WB (Western Blot)

Western blot analysis of extracts from HeLa cells (Lane 2), and A549 cells (Lane 3), using Cox2 antibody. The lane on the left is treated with synthesized peptide.



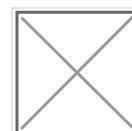
WB (Western Blot)

Western blot analysis of extracts from A549 cells, using Cox2 antibody.



IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells, using Cox2 antibody.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Cox2 antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PTGS2 antibody	Cardiovascular
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506265
NCBI GeneID	5743
NCBI Accession #	NP_000954.1
NCBI GenBank Nucleotide #	NM_000963.2
UniProt Accession #	P35354; Q16876; A8K802
Molecular Weight	68,996 Da
NCBI Official Full Name	prostaglandin G/H synthase 2
NCBI Official Synonym Full Names	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)
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; PHS II; PGH synthase 2; cyclooxygenase 2b; prostaglandin H2 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/ptgs2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/243010>