

Rabbit anti-Human, Mouse Cox2 Monoclonal Antibody | anti-Cox2 antibody

Anti-Cox2 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA125127	Rabbit	Human, Mouse	Western Blot, Immunohistochemistry, Immunoprecipitation

PRODUCT SYNONYMS

Cox2; Monoclonal Antibody; Anti-Cox2 Monoclonal Antibody; anti-Cox2 antibody

PRODUCT SPECIFICATIONS

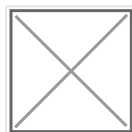
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity-Chromatography
Form/Format	Liquid, Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Sequence Length	604
Applicable Applications for anti-Cox2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IP (Immunoprecipitation)
Immunogen	A synthesized peptide derived from human COX2
Preparation and Storage	Store at 4 degree C short term. Store at -20 degree C long term Avoid freeze/thaw cycles.

IMAGES



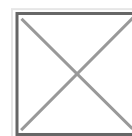
WB (Western Blot)

Western blot analysis of Cox2 expression in A549 cell lysate.



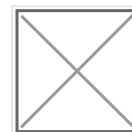
WB (Western Blot)

All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



WB (Western Blot)

All lanes use the Antibody at 1:500 dilution for 1 hour at room temperature.



WB (Western Blot)

Figure 1. Western blot analysis of PTGS2 using anti-PTGS2 antibody (M00084-1). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50ug of sample under reducing conditions. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-PTGS2 antigen affinity purified polyclonal antibody at 0.5 ug/mL overnight at 4° C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-Rabbit IgG IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for PTGS2.

ADDITIONAL INFORMATION

Related Product Information for anti-Cox2 antibody	Anti-COX2 PTGS2 Rabbit Monoclonal Antibody.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506265
NCBI GeneID	5743
NCBI Accession #	NP_000954.1
NCBI GenBank Nucleotide #	NM_000963.4
UniProt Accession #	P35354; Q16876; A8K802
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

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/monoclonal/cox2-antibody-western-blot-immunohistochemistry-immunoprecipitation-elisa/125127>