

anti-Human Cox1 Antibody | anti-Cox1 antibody

Cox1 Antibody

CATALOG # AAA109668	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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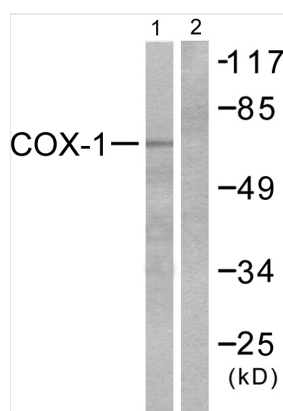
PRODUCT SYNONYMS

Cox1; Cox1 Antibody; COX3; PCOX1; CYCLOOXYGENASE 1; PARTIAL COX1 PROTEINS; PGHS1 CYCLOOXYGENASE 3; PROSTAGLANDIN G/H SYNTHASE 1; prostaglandin-endoperoxide synthase 1; anti-Cox1 antibody

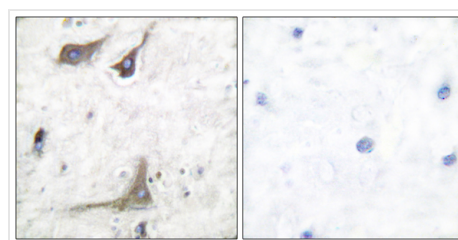
PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	COX1 antibody detects endogenous levels of total COX1 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	599
Applicable Applications for anti-Cox1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from human COX1.
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES


WB (Western Blot)

Western blot analysis of extracts from HuvEc cells, using COX1 antibody.


IHC (Immunohistochemistry)

Peptide-+ Immunohistochemical analysis of paraffin-embedded human brain tissue using COX1 antibody.

ADDITIONAL INFORMATION

References	Lawrence M. Szewczuk, J. Biol. Chem., May 2004; 279: 22727-22737. Syed R. Baber, Am J Physiol Heart Circ Physiol, Oct 2005; 289: H1476-H1487. Subhashini Chandrasekharan, J. Lipid Res., Dec 2005; 46: 2636-2648. K. Trent Moreland, J. Pharmacol. Exp. Ther., May 2007; 321: 446-454.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18104967
NCBI GeneID	5742
NCBI Accession #	NP_000953.2
NCBI GenBank Nucleotide #	NM_000962.3
UniProt Accession #	P23219; Q15122; Q3HY28; Q3HY29; Q5T7T6; Q5T7T7; Q5T7T8; A8K1V7; B4DHQ2; B4E2S5
Molecular Weight	72,010 Da
NCBI Official Full Name	prostaglandin G/H synthase 1 isoform 1
NCBI Official Synonym Full Names	prostaglandin-endoperoxide synthase 1
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
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

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/human-antibody/cox1/109668>