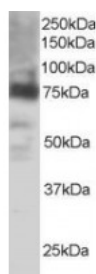




COX-2 Antibody

CATALOG NUMBER: 45-125



Western Blot staining (0.5ug/ml) of H460 lysate (RIPA buffer, 35ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:32000. Western Blot: Approx 70-75kDa band observed in H460 lysates (predicted MW of 69kDa according to NP_000954.1). Recommended for use at 0.5-2ug/ml.
POSITIVE CONTROL:	1) H460 Lysate
IMMUNOGEN:	COX-2 antibody was raised against a 13 amino acid synthetic peptide near the C-Terminus of COX-2.
HOST SPECIES:	Goat

Properties

PURIFICATION:	COX-2 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	COX-2 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	COX-2, prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase), COX2, COX-2, PHS-2, PGG/HS, PGHS-2, hCox-2, prostaglandin G/H synthase and cyclooxygenase
ACCESSION NO.:	NP_000954.1
PROTEIN GI NO.:	4506265
OFFICIAL SYMBOL:	PTGS2

GENE ID: 5743

Background

REFERENCES: 1) Ballif BA, Mincek NV, Barratt JT, Wilson ML, Simmons DL. Interaction of cyclooxygenases with an apoptosis- and autoimmunity associated protein. Proc Natl Acad Sci USA. 1996 May 28;93(11):5544-9.

FOR RESEARCH USE ONLY

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