

Goat anti-COX2 / PTGS2 Antibody

Item Number	dAP-0426
Target Molecule	Principle Name: COX2 / PTGS2; Official Symbol: PTGS2; All Names and Symbols: PTGS2; COX2; prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase); COX-2; PHS-2; PGG/HS; PGHS-2; hCox-2; prostaglandin G/H synthase and cyclooxygenase; GRIPGHS; cyclooxygenase 2b; Accession Number (s): NP_000954.1; Human Gene ID(s): 5743; Non-Human GeneID(s):
Immunogen	NPTVLLKERSTEL, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 70-75kDa band observed in H460 lysates (predicted MW of 69kDa according to NP_000954.1). Recommended for use at 0.5-2µg/ml. Primary incubated for 1 hour.
IHC	
Reference	Reference(s): Ballif BA, Mincek NV, Barratt JT, Wilson ML, Simmons DL. Interaction of cyclooxygenases with an apoptosis- and autoimmunity associated protein. Proc Natl Acad Sci U S A. 1996 May 28;93(11):5544-9..PMID: 8643612->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**