

EB05286 - Goat Anti-COX2 / PTGS2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PTGS2 antibody, COX2 antibody, prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase) antibody, COX-2 antibody, PHS-2 antibody, PGG/HS antibody, PGHS-2 antibody, hCox-2 antibody, prostaglandin G/H synthase and cyclooxygenase antibody, GRIPGHS antibody, cyclooxygenase 2b antibody

Official Symbol: PTGS2 Accession Number(s): NP_000954.1 Human GenelD(s): <u>5743</u>

Immunogen

Peptide with sequence C-NPTVLLKERSTEL, from the C Terminus of the protein sequence according to NP_000954.1.

Please note the <u>peptide</u> is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 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.

Applications Tested

Peptide 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 0.5-2µg/ml.

Species Reactivity

Tested: Human Expected from sequence similarity: Human, Dog, Pig, Cow

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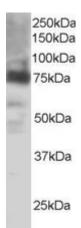
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EB05286 staining (0.5µg/ml) of H460 lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.