



Everest Biotech Ltd
Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD, United Kingdom

everestbiotech.com

sales@everestbiotech.com

support@everestbiotech.com

Tel +44 1869 238326

Fax +44 1869 238327

Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB05286 - Goat Anti-COX2 / PTGS2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

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

Official Symbol: PTGS2

Accession Number(s): NP_000954.1

Human GeneID(s): [5743](#)

Immunogen

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

Please note the [peptide](#) 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

Specific Reference

The goat polyclonal antibody used in this paper was manufactured by us:

Pisani LF, Antonini S, Pocar P, Ferrari S, Brevini TA, Rhind SM, Gandolfi F.

Effects of pre-mating nutrition on mRNA levels of developmentally relevant genes in sheep oocytes and granulosa cells.

Reproduction. 2008 Sep;136(3):303-12.

PMID: 18515315



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