

# GOAT ANTI-COX1 / PTGS1 ANTIBODY

**SKU:** EB05285



## SPECIFICATIONS

**Formulation** Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Unit Size** 100 µg

**Storage Instructions** Aliquot and store at -20°C. Minimize freezing and thawing.

**Synonym / Alias Names** RP11-542K23.6|prostaglandin G/H synthase and cyclooxygenase|prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase)|PGHS-1|PGG/HS|PTGHS|PGHS1|PCOX1|PHS1|COX3|COX1|PTGS1

**Accession ID** NP\_000953.2; NP\_542158.1

**Blocking Peptide** EBP05285

**Immunogen** Peptide with sequence C-QDDGPAVERPSTEL, from the C Terminus of the protein sequence according to NP\_000953.2; NP\_542158.1.

**Product Comments** This antibody is expected to recognise both human isoforms of this protein according to NP\_000953.2 and NP\_542158.1.

**Peptide Sequence** C-QDDGPAVERPSTEL

**Purification Method** Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**Shipping Instructions** Refrigerated

**Predicted Species** Human

**Reactive Species** Human

**Human Gene ID** 5742

**Product Grade** [https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite\\_medium.png](https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png)

**IHC Results** In paraffin embedded Human Heart shows patchy staining of myocardial fibres in longitudinal section. Recommended concentration, 3-5µg/ml.

**ELISA Detection Limit** Antibody detection limit dilution 1:32000.

**Western Blot** Approx 70kDa band observed in lysates of histiocytic lymphoma cell line U937 (calculated MW of 68.7kDa according to NP\_000953.2) Recommended for use at 0.3-1µg/ml. Primary incubation 1 hour at room temperature.

**Application Type** Pep-ELISA, WB, IHC

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

