

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB12936 - Goat Anti-PTGR1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PTGR1, prostaglandin reductase 1, LTB4DH, PGR1, ZADH3, 15-oxoprostaglandin 13-reductase, NADP-dependent leukotriene B4

12-hydroxydehydrogenase, PRG-1, leukotriene B4 12-hydroxydehydrogenase, zinc binding alcohol dehydrogenase domain containing 3

**Official Symbol:** PTGR1

**Accession Number(s):** NP\_036344.2; NP\_001139581.1

**Human GeneID(s):** [22949](#)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_036344.2; NP\_001139581.1). Reported variants represent identical protein: NP\_036344.2, NP\_001139580.1.

### Immunogen

Peptide with sequence C-PTNSDFELKTAELP, from the internal region (near N terminus) of the protein sequence according to NP\_036344.2; NP\_001139581.1.

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 1:128000.

**Western blot:** Approx 37kDa band observed in Human Kidney lysates (calculated MW of 35.9kDa according to NP\_036344.2). Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB12936 (0.3 $\mu$ g/ml) staining of Human Kidney lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.