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**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.

## EB07144 - Goat Anti-EP1 receptor / PTGER1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** prostanoid EP1 receptor, prostaglandin E receptor 1, subtype EP1, PGE receptor, EP1 subtype, EP1, prostaglandin E receptor 1 (subtype EP1), 42kDa, PTGER1

**Official Symbol:** PTGER1

**Accession Number(s):** NP\_000946.2

**Human GeneID(s):** [5731](#)

### Immunogen

Peptide with sequence C-DSRRRWGAHGPRS, from the internal region of the protein sequence according to NP\_000946.2.

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:** Preliminary experiments in human brain, heart and liver lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human