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EB12919 - Goat Anti-PTGIS / CYP8A1 (aa248-258) Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: PTGIS, prostaglandin I2 (prostacyclin) synthase, CYP8, CYP8A1, PGIS, PTGI, cytochrome P450, family 8, subfamily A, polypeptide 1, prostacyclin synthase, prostaglandin I2 synthase Official Symbol: PTGIS Accession Number(s): NP_000952.1 Human GeneID(s): <u>5740</u>

Immunogen

Peptide with sequence C-RRAHRSKWLES, from the internal region of the protein sequence according to NP_000952.1.

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.

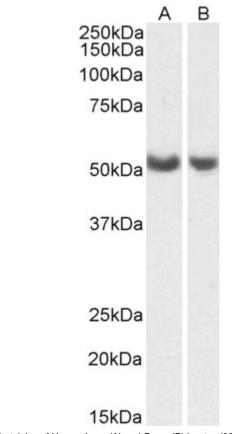
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000. **Western blot:** Approx 55kDa band observed in Human Lung and Human Ovary lysates (calculated MW of 57.1kDa according to NP_000952.1). Recommended concentration: 0.5-1.5µg/ml.

Species Reactivity

Tested: Human Expected from sequence similarity: Human, Pig



EB12919 (0.5µg/ml) staining of Human Lung (A) and Ovary (B) lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.