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Research Use Only. Not for diagnostic or therapeutic use.

EB12928 - Goat Anti-PTGES2 (aa292-306) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PTGES2, prostaglandin E synthase 2, C9orf15, GBF-1, GBF1, PGES2, mPGES-2, GATE-binding factor 1, gamma-interferon-activated transcriptional element-binding factor 1, membrane-associated prostaglandin E synthase 2, microsomal

prostaglandin E synthase-2
Official Symbol: PTGES2

Accession Number(s): NP_079348.1; NP_945176.1

Human GenelD(s): 80142

Important Comments: This antibody is expected to recognize both reported isoforms (NP_079348.1; NP_945176.1). Reported variants represent identical protein: NP_001243264.1, NP_945176.1.

Immunogen

Peptide with sequence C-RLKSRHRLQDNVRED, from the internal region of the protein sequence according to NP_079348.1; NP_945176.1.

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 30kDa band observed in lysates of cell line HeLa (calculated MW of 41.9kDa according to NP_079348.1). This molecular weight is routinely observed by other sources. Recommended concentration: 1-3µg/ml.

IHC: Paraffin embedded Human Brain (Cortex) and Heart. Recommended concentration: 5µg/ml.

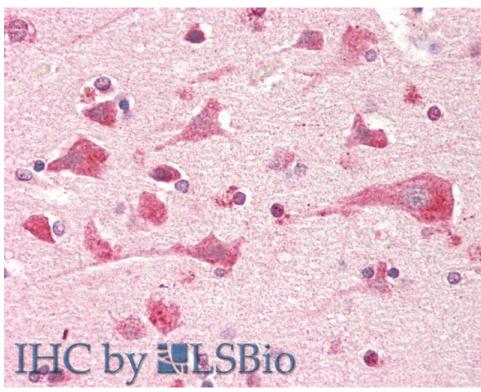
Species Reactivity

Tested: Human

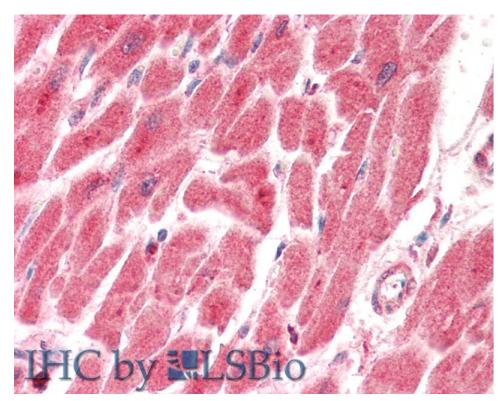
Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB12989 (1 μ g/ml) staining of HeLa lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB12928 (5μg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB12928 (5μg/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.