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

EB07580 - Goat Anti-FGF23 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: FGF23, fibroblast growth factor 23, ADHR, HPDR2, HYPF, PHPTC, tumor-derived hypophosphatemia inducing factor

Official Symbol: FGF23

Accession Number(s): NP_065689.1

Human GeneID(s): [8074](#)

Immunogen

Peptide with sequence C-RHTRSAEDDSERD, from the internal region of the protein sequence according to NP_065689.1.

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

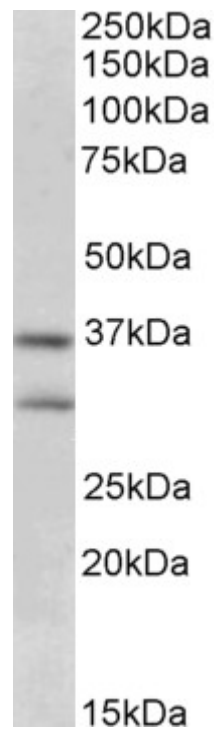
Peptide ELISA: antibody detection limit dilution 1:8000.

Western blot: Approx 28+37kDa bands observed in Human Brain (Hippocampus) lysates (calculated MW of 27.9kDa according to NP_065689.1). The observed molecular weights correspond to earlier findings in literature with different antibodies (Garringer et al, Am J Physiol Endocrinol Metab. 2008 Oct;295(4):E929-37. PMID: 18682534). Recommended concentration: 0.3-1.0µg/ml. Primary incubation was 1 hour.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB07580 (0.3ug/ml) staining of Human Brain ((Hippocampus) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.