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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

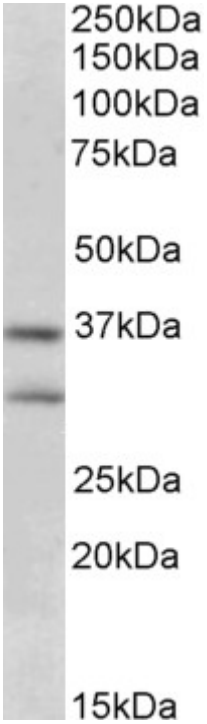
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

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.