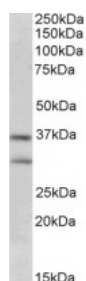




FGF23 Antibody

CATALOG NUMBER: 45-588



Western Blot (0.3ug/ml) staining of Human Brain ((Hippocampus) lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	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)
POSITIVE CONTROL:	1) Cat. No. XBL-10110 - Human Hippocampus Tissue Lysate
IMMUNOGEN:	FGF23 antibody was raised against a 13 amino acid synthetic peptide near the internal region of FGF23.
HOST SPECIES:	Goat

Properties

PURIFICATION:	FGF23 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	FGF23 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	FGF23, fibroblast growth factor 23, ADHR, HPDR2, HYPF, PHPTC, tumor-derived hypophosphatemia inducing factor, UNQ3027/PRO9828
ACCESSION NO.:	NP_065689.1
PROTEIN GI NO.:	10190674
OFFICIAL SYMBOL:	FGF23

GENE ID: 8074

Background

REFERENCES: 1) Saito H, Kusano K, Kinoshita M, Ito H, Hirata M, Segawa H, Miyamoto K, Fukushima N. Human fibroblast growth factor-23 mutants suppress Na⁺-dependent phosphate co-transport activity and 1 α , 25-dihydroxyvitamin D3 production. J Biol Chem. 2003 Jan 24;278(4):2206-11. Epub 2002 Nov 4.

FOR RESEARCH USE ONLY

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