

#### **International Office**

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# EB11836 - Goat Anti-FGF13 (isoform 1) Antibody

Size: 100µg specific antibody in 200µl



#### **Target Protein**

Principal Names: FGF13, FGF-13, FGF2, FHF2, FHF-2, fibroblast growth factor 13,

fibroblast growth factor homologous factor 2

Official Symbol: FGF13

Accession Number(s): NP\_004105.1

Human GeneID(s): 2258

Non-Human GenelD(s): 14168 (mouse)

**Important Comments:** This antibody is expected to recognize isoform 1 (NP\_004105.1) only. Reported variants represent identical protein: NP\_001132974.1, NP\_001132973.1

## Immunogen

Peptide with sequence KGKTSCDKNKLNVFS, from the internal region of the protein sequence according to NP\_004105.1.

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 1:32000.

**Western blot:** Approx 28kDa band observed in Mouse Brain lysates (calculated MW of 27.6kDa according to NP\_034330.2). Recommended concentration: 0.3-1µg/ml.

#### **Species Reactivity**

Tested: Mouse

Expected from sequence similarity: Human, Mouse, Dog, Pig, Cow



EB11836 ( $0.5\mu g/ml$ ) staining of Mouse Brain lysate ( $35\mu g$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.