

Goat anti-FGF13 (isoform 1) Antibody

Item Number	dAP-2748
Target Molecule	Principle Name: FGF13 (isoform 1); Official Symbol: FGF13; All Names and Symbols: FGF13; fibroblast growth factor 13; FGF-13; FGF2; FHF-2; FHF2; fibroblast growth factor homologous factor 2; Accession Number (s): NP_004105.1; Human Gene ID(s): 2258; Non-Human GeneID(s): 14168 (mouse)
Immunogen	KGKTSCDKNKNLNVFS, is from internal region This antibody is expected to recognize isoform 1 (NP_004105.1) only. Reported variants represent identical protein: NP_001132974.1, NP_001132973.1
Applications	Pep ELISA, WB Species Tested: Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	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.
IHC	
Reference	Reference(s): Wittmack EK, Rush AM, Craner MJ, Goldfarb M, Waxman SG, Dib-Hajj SD. Fibroblast growth factor homologous factor 2B: association with Nav1.6 and selective colocalization at nodes of Ranvier of dorsal root axons. <i>J Neurosci</i> . 2004 Jul 28;24(30):6765-75.. PMID: 15282281->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**