

## Goat anti-FGF13 (isoform 1) Antibody

<b>Item Number</b>	dAP-2748
<b>Target Molecule</b>	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)
<b>Immunogen</b>	KGKTSCDKNKNLVFS, 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
<b>Applications</b>	Pep ELISA, WB  Species Tested: Mouse
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	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. J Neurosci. 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 ender users! This product is sold for **Research Use Only**