

## Goat anti-Fgf14 (mouse N terminus) Antibody

<b>Item Number</b>	dAP-2747
<b>Target Molecule</b>	Principle Name: Fgf14 (mouse N terminus); Official Symbol: Fgf14; All Names and Symbols: Fgf14; fibroblast growth factor 14; FHF-4; Fhf4; mFHF-4(1B); FGF-14; fibroblast growth factor homologous factor 4; Accession Number (s): NP_034331.2; NP_997550.1; Human Gene ID(s): 2259; Non-Human GeneID(s): 14169 (mouse) 63851 (rat)
<b>Immunogen</b>	REQHWDRPSASR, is from N Terminus This antibody is expected to recognize mouse isoform a (NP_034331.2) and human isoform 1A (NP_004106.1).
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human, 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 128000.
<b>Western Blot</b>	Western Blot: Approx 28kDa band observed in Mouse and Human Brain lysates (calculated MW of 28.3kDa according to NP_997550.1 and 27.7kDa according to NP_034331.2). Recommended concentration: 1-3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Shakkottai VG, Xiao M, Xu L, Wong M, Nerbonne JM, Ornitz DM, Yamada KA. FGF14 regulates the intrinsic excitability of cerebellar Purkinje neurons. <i>Neurobiol Dis.</i> 2009 Jan;33(1):81-8..PMID: 18930825->

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**