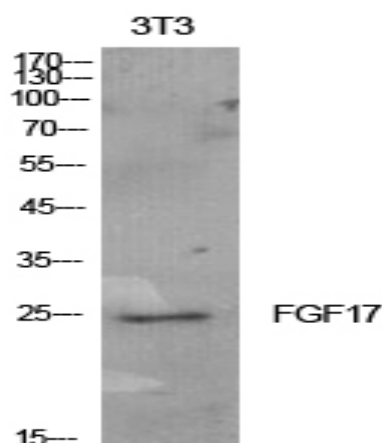


FGF-17 Polyclonal Antibody

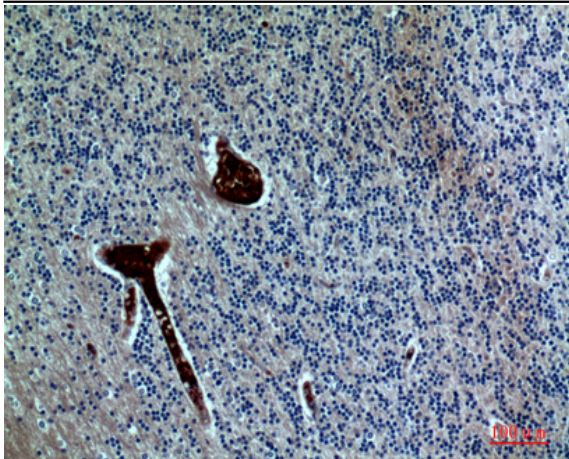
Catalog No :	YT5554
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IHC;IF;ELISA
Target :	FGF-17
Fields :	>>MAPK signaling pathway;>>Ras signaling pathway;>>Rap1 signaling pathway;>>Calcium signaling pathway;>>PI3K-Akt signaling pathway;>>Regulation of actin cytoskeleton;>>Pathways in cancer;>>Chemical carcinogenesis - receptor activation;>>Melanoma;>>Breast cancer;>>Gastric cancer
Gene Name :	FGF17
Protein Name :	Fibroblast growth factor 17
Human Gene Id :	8822
Human Swiss Prot No :	O60258
Mouse Swiss Prot No :	P63075
Immunogen :	The antiserum was produced against synthesized peptide derived from the C-terminal region of human FGF17. AA range:267-216
Specificity :	FGF-17 Polyclonal Antibody detects endogenous levels of FGF-17 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC: 1:100-1:300. ELISA: 1:10000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	25kD
Cell Pathway :	MAPK_ERK_Growth;MAPK_G_Protein;Regulates Actin and Cytoskeleton;Pathways in cancer;Melanoma;
Background :	This gene encodes a member of the fibroblast growth factor (FGF) family. Member of the FGF family possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes including embryonic development cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein is expressed during embryogenesis and in the adult cerebellum and cortex and may be essential for vascular growth and normal brain development. Mutations in this gene are the cause of hypogonadotropic hypogonadism 20 with or without anosmia. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015],
Function :	developmental stage:Detected in embryos at E14.5, but not at E10.5 and E19.5. Preferentially expressed in the neuroepithelia of the isthmus and septum of the embryonic brain at E14.5.,function:May be a signaling molecule in the induction and patterning of the embryonic brain.,similarity:Belongs to the heparin-binding growth factors family.,tissue specificity:Preferentially expressed in the embryonic brain.,
Subcellular Location :	Secreted.
Expression :	Preferentially expressed in the embryonic brain.

Products Images



Western Blot analysis of NIH-3T3 cells using FGF-17 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100