Product Name: FGF20 Rabbit Polyclonal Antibody
Catalog #: APRab00516
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ELISA 1:5000-1:20000
Molecular Weight	Calculated MW: 23 kDa; Observed MW: 23 kDa

Antigen Information

Gene Name	FGF20
Alternative Names	FGF20; Fibroblast growth factor 20; FGF-20
Gene ID	26281
SwissProt ID	Q9NP95
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human FGF20. AA range:151-200

Background

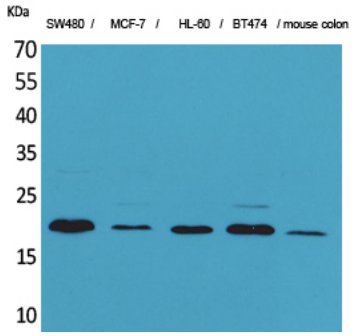
The protein encoded by this gene is a member of the fibroblast growth factor family. The fibroblast growth factors possess

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 gene product is a secreted neurotrophic factor but lacks a typical signal peptide. It is expressed in normal brain, particularly the cerebellum, and may regulate central nervous system development and function. Homodimerization of this protein was shown to regulate its receptor binding activity and concentration gradient in the extracellular matrix. Genetic variations of this gene have been associated with Parkinson disease susceptibility.

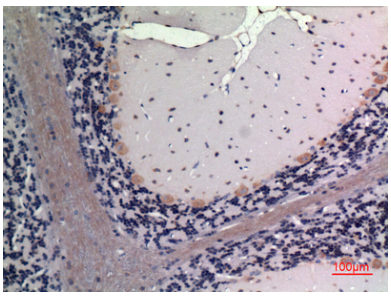
Research Area

Signal Transduction

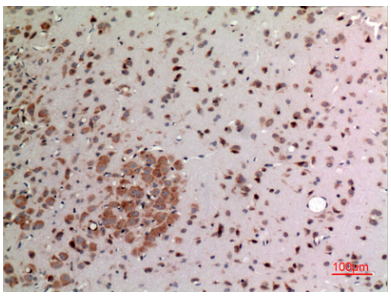
Image Data



Western blot analysis of FGF20 in SW480, MCF-7, HL-60, BT474, mouse colon lysates using FGF20 antibody.



Immunohistochemistry analysis of paraffin-embedded rat brain using FGF20 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



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