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**Product Name: FGF5 Rabbit Polyclonal Antibody****Catalog #: APRab00552**

For research use only.

**Summary**

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

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,ELISA 1:5000-1:20000
<b>Molecular Weight</b>	Calculated MW: 30 kDa; Observed MW: 30 kDa

**Antigen Information**

<b>Gene Name</b>	FGF5
<b>Alternative Names</b>	FGF5; Fibroblast growth factor 5; FGF-5; Heparin-binding growth factor 5; HBGF-5; Smag-82
<b>Gene ID</b>	2250
<b>SwissProt ID</b>	P12034
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the C-terminal region of human FGF5. AA range:211-260

**Background**

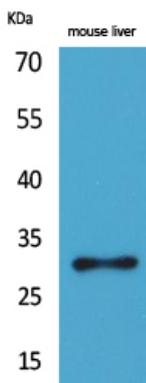
The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad

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 was identified as an oncogene, which confers transforming potential when transfected into mammalian cells. Targeted disruption of the homolog of this gene in mouse resulted in the phenotype of abnormally long hair, which suggested a function as an inhibitor of hair elongation. Alternatively spliced transcript variants encoding different isoforms have been identified.

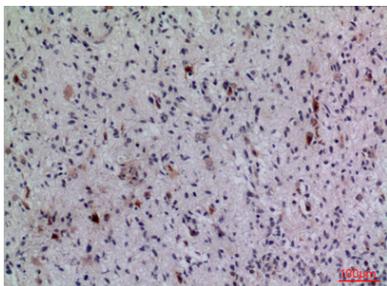
## Research Area

Cardiovascular

## Image Data



Western blot analysis of FGF5 in mouse liver lysates using FGF5 antibody.



Immunohistochemistry analysis of paraffin-embedded Human brain using FGF5 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.