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Anti-FGF5 Antibody

Catalog # AP59551

Product Information

Application	WB, IHC
Primary Accession	P12034
Reactivity	Human, Mouse, Rat, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29551

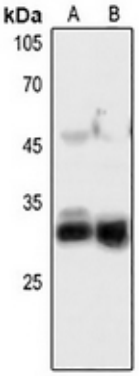
Additional Information

Gene ID	2250
Other Names	Fibroblast growth factor 5; FGF-5; Heparin-binding growth factor 5; HBGF-5; Smag-82
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human FGF5. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

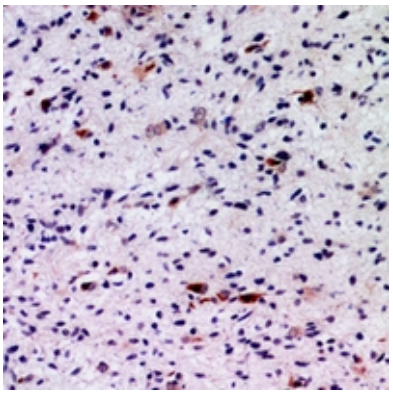
Protein Information

Name	FGF5
Function	Plays an important role in the regulation of cell proliferation and cell differentiation. Required for normal regulation of the hair growth cycle. Functions as an inhibitor of hair elongation by promoting progression from anagen, the growth phase of the hair follicle, into catagen the apoptosis-induced regression phase (By similarity).
Cellular Location	Secreted.
Tissue Location	Expressed in neonatal brain.

Images



Western blot analysis of FGF5 expression in mouse liver (A), rat liver (B) whole cell lysates. (Predicted band size: 29 kD; Observed band size: 30 kD)



Immunohistochemical analysis of FGF5 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.