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Anti-FGF17 Antibody

Catalog # AP60168

Product Information

Application	WB, IHC, IF/IC
Primary Accession	O60258
Reactivity	Human, Mouse, Rat, Bovine, Dog, Sheep, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24891

Additional Information

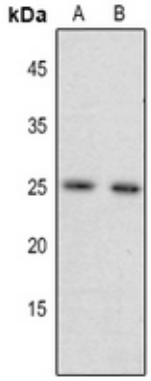
Gene ID	8822
Other Names	Fibroblast growth factor 17; FGF-17
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human FGF17. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 IF/IC~~N/A
Format	Liquid in 0.42% Potassium 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

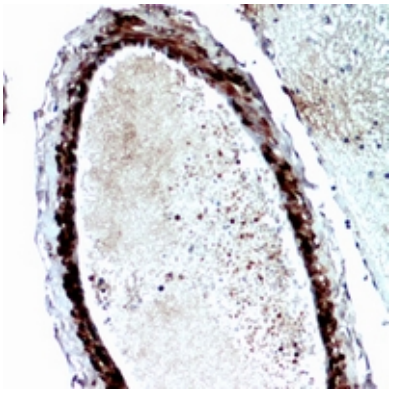
Protein Information

Name	FGF17
Function	Plays an important role in the regulation of embryonic development and as signaling molecule in the induction and patterning of the embryonic brain. Required for normal brain development.
Cellular Location	Secreted.
Tissue Location	Preferentially expressed in the embryonic brain.

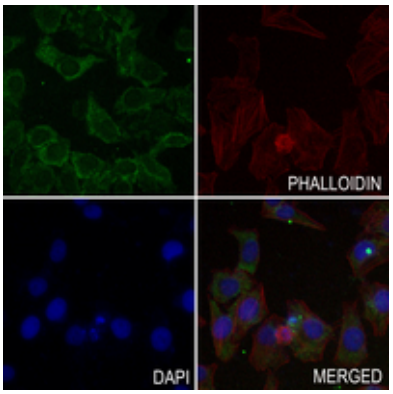
Images

Western blot analysis of FGF17 expression in mouse liver (A), rat liver (B) whole cell lysates. (Predicted band size: 24 kD; Observed band size: 25 kD)





Immunohistochemical analysis of FGF17 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.



Immunofluorescent analysis of FGF17 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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