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FGF16 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11862a

Product Information

Application	WB, IHC-P, E
Primary Accession	O43320
Other Accession	O54769, Q9ESL8, NP_003859.1
Reactivity	Human, Rat, Mouse
Predicted	Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB31755
Calculated MW	23759
Antigen Region	22-50

Additional Information

Gene ID	8823
Other Names	Fibroblast growth factor 16, FGF-16, FGF16
Target/Specificity	This FGF16 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 22-50 amino acids from the N-terminal region of human FGF16.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	FGF16 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	FGF16
Function	Plays an important role in the regulation of embryonic development, cell proliferation and cell differentiation, and is required for normal cardiomyocyte proliferation and heart development.

Cellular Location Secreted {ECO:0000250|UniProtKB:O54769}.

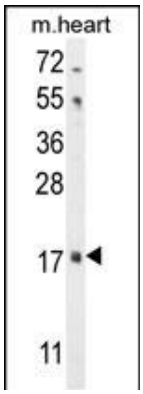
Background

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. The rat homolog is predominantly expressed in embryonic brown adipose tissue and has significant mitogenic activity, which suggests a role in proliferation of embryonic brown adipose tissue.

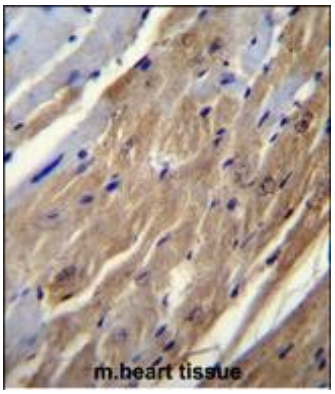
References

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Images



FGF16 Antibody (N-term) (Cat. #AP11862a) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the FGF16 antibody detected the FGF16 protein (arrow).



FGF16 Antibody (N-term) (Cat. #AP11862a)immunohistochemistry analysis in formalin fixed and paraffin embedded mouse heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of FGF16 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

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