

For Research Use Only

FGF16-Specific Polyclonal antibody

Catalog Number: 16876-1-AP



Basic Information

Catalog Number:

16876-1-AP

Size:

150ul , Concentration: 300 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_003868

GeneID (NCBI):

8823

UNIPROT ID:

O43320

Full Name:

fibroblast growth factor 16

Calculated MW:

24 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:20-1:200

Applications

Tested Applications:

IHC, ELISA

Species Specificity:

human

Positive Controls:

IHC : human heart tissue, human kidney tissue, human lung tissue, human placenta tissue, human spleen tissue

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

FGF16 is a member of the fibroblast growth factor (FGF) family. Fibroblast growth factor (Fgf) signaling plays important roles in development and metabolism. FGF16 is predominantly expressed in the heart. It 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. This antibody is specific to FGF16.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

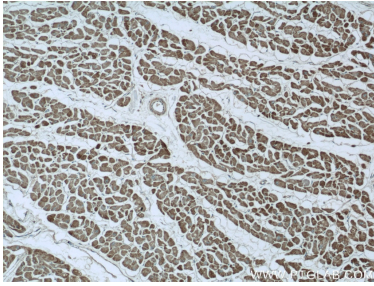
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

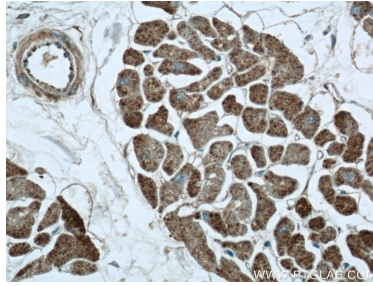
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 16876-1-AP (FGF16-Specific Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 16876-1-AP (FGF16-Specific Antibody) at dilution of 1:50 (under 40x lens).