

For Research Use Only

FAM3B Polyclonal antibody

Catalog Number: 27131-1-AP

2 Publications



Basic Information

Catalog Number:

27131-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25955

GenBank Accession Number:

BC057829

GeneID (NCBI):

54097

UNIPROT ID:

P58499

Full Name:

family with sequence similarity 3, member B

Calculated MW:

26 kDa

Observed MW:

26 kDa, 23 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

IHC

Species Specificity:

human, mouse

Cited Species:

human

Positive Controls:

WB: human milk tissue,

IHC: human pancreas tissue, mouse pancreas 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

FAM3B, also known as Pancreatic-derived factor (PANDER), is a secreted glycoprotein that belongs to the cytokine like-protein family. There are four members in this gene family (FAM3A, FAM3B, FAM3C and FAM3D). As a result of alternative splicing and alternate signal peptide cleavage sites, multiple isoforms are known. FAM3B is selectively expressed at a high level in pancreatic islets and at low levels in the small intestine, prostate, and certain neurons.

Notable Publications

Author	Pubmed ID	Journal	Application
Wenfang Wang	35082524	Int J Gen Med	IHC
Renhong Huang	37251343	Front Pharmacol	IHC

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

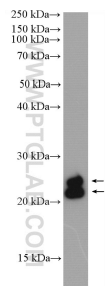
For technical support and original validation data for this product please contact:

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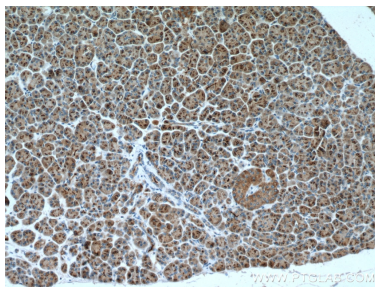
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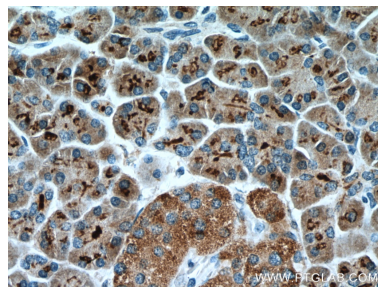
Selected Validation Data



human milk were subjected to SDS PAGE followed by western blot with 27131-1-AP (FAM3B antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 27131-1-AP (FAM3B antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 27131-1-AP (FAM3B antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).