For Research Use Only

FEM1B Polyclonal antibody

Catalog Number:19544-1-AP Featured Product 4 Publications

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Basic Information

Catalog Number:
19544-1-AP

Size:
150ul , Concentration: 600 ug/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_015322

GeneID (NCBI):
10116

UNIPROT ID:
Q9UK73

Full Name:
fem-1 homolog b (C. elegans)

Calculated MW:
70 kDa

Observed MW:
70 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:1000
IHC 1:50-1:500
IF/ICC 1:200-1:800

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Cited Applications:
WB, IF

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse

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

Positive Controls:

WB : PC-3 cells, mouse pancreas tissue, mouse testis tissue

IHC : human pancreas cancer tissue, mouse pancreas tissue

IF/ICC : PC-3 cells,

Background Information

FEM1B, also named F1AA and KIAA0396, belongs to the fem-1 family. FEM1B is a component of an E3 ubiquitin-protein ligase complex, in which it may act as a substrate recognition subunit. FEM1B is involved in apoptosis by acting as a death receptor-associated protein that mediates apoptosis. It is involved in glucose homeostasis in pancreatic islets.

Notable Publications

Author	Pubmed ID	Journal	Application
Andrew G Manford	32941802	Cell	WB
Nathaniel J. Henning	34994556	J Am Chem Soc	WB
Rachael McMinimy	39642856	Mol Cell	WB,IF

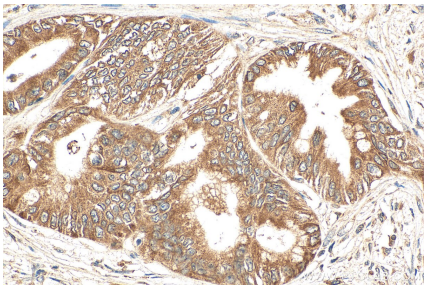
Storage

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

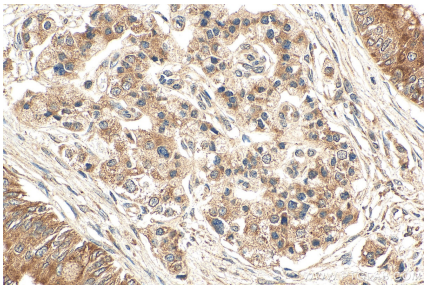
*** 20ul sizes contain 0.1% BSA

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)
E: proteintech@ptglab.com
W: ptglab.com

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 19544-1-AP (FEM1B antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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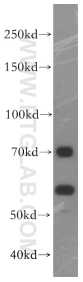
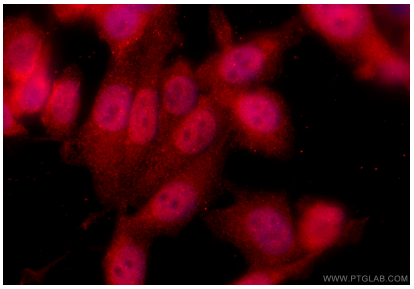


PC-3 cells were subjected to SDS PAGE followed by western blot with 19544-1-AP (FEM1B antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed PC-3 cells using FEM1B antibody (19544-1-AP) at dilution of 1:400 and CoraLite®594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4).