

For Research Use Only

FAM3D Polyclonal antibody

Catalog Number: 12336-1-AP

1 Publications



Basic Information

Catalog Number:

12336-1-AP

Size:

300 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2965

GenBank Accession Number:

BC015359

GeneID (NCBI):

131177

UNIPROT ID:

Q96BQ1

Full Name:

family with sequence similarity 3, member D

Calculated MW:

224 aa, 24 kDa

Observed MW:

30 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:10000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

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 : mouse colon tissue, rat colon tissue

IHC : human stomach cancer tissue,

Background Information

FAM3 (family with sequence similarity 3) is a cytokine-like family consisting of four members, FAM3A, FAM3B, FAM3C, and FAM3D, who share a 4-helical bundle structure. FAM3D is constitutively expressed in the gastrointestinal tract and is regulated by nutritional status. FAM3D controls blood sugar levels by acting as an insulin-sensitizing protein and improves lipid deposition in the liver. (PMID: 22226334; PMID: 37328068)

Notable Publications

Author	Pubmed ID	Journal	Application
Ting Zheng	39388305	Aging (Albany NY)	WB

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

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

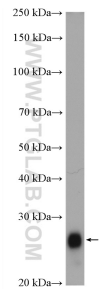
T: 4006900926

E: Proteintech-CN@ptglab.com

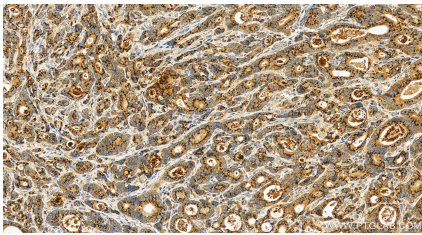
W: ptgcn.com

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Selected Validation Data



mouse colon tissue were subjected to SDS PAGE followed by western blot with 12336-1-AP (FAM3D antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 12336-1-AP (FAM3D antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).