

For Research Use Only

FAM3D Polyclonal antibody

Catalog Number:32785-1-AP



Basic Information

Catalog Number: 32785-1-AP	GenBank Accession Number: NM_146050.2	Purification Method: Antigen affinity Purification
Concentration: 600 ug/ml	GeneID (NCBI): 18300	Recommended Dilutions: WB 1:1000-1:8000 IHC 1:400-1:1600
Source: Rabbit	UNIPROT ID: P97805	
Isotype: IgG	Full Name: oncoprotein induced transcript 1	
Immunogen Catalog Number: EG2694	Calculated MW: 25 kDa	
	Observed MW: 25 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: mouse, rat	WB : mouse colon tissue, rat colon tissue
	IHC : mouse colon 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

FAM3D (family with sequence similarity 3, member D) is a protein that belongs to the FAM3 family, which is a novel cytokine-like gene family identified in 2002. This family comprises four members: FAM3A, FAM3B, FAM3C, and FAM3D. FAM3D is a gut-secreted protein that is regulated by nutritional status. It has a predicted secondary structure of a four-helix bundle, which is a common feature in many other cytokines.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

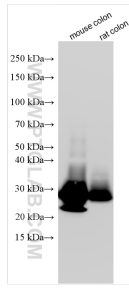
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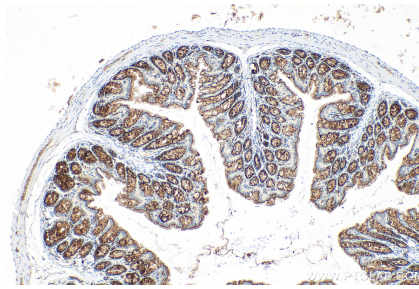
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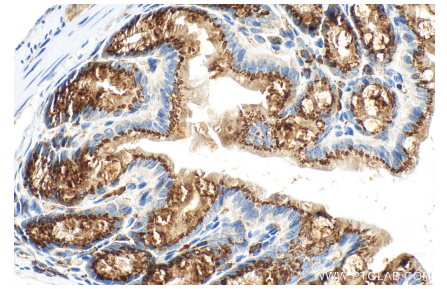
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32785-1-AP (FAM3D antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 32785-1-AP (FAM3D antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 32785-1-AP (FAM3D antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).