

For Research Use Only

FAT4 Polyclonal antibody, PBS Only

Catalog Number: 33468-1-PBS



Basic Information

Catalog Number: 33468-1-PBS	GenBank Accession Number: NM_001291285	Purification Method: Antigen affinity Purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 79633	
Source: Rabbit	UNIPROT ID: Q6V0I7	
Isotype: IgG	Full Name: FAT tumor suppressor homolog 4 (Drosophila)	
Immunogen Catalog Number: AG37862	Calculated MW: 4981aa, 543 kDa	
	Observed MW: 540 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human

Background Information

FAT4 is a large transmembrane protein with a mass of approximately 530 kDa. It belongs to the cadherin superfamily and contains multiple cadherin repeats EGF-like domains and one laminin G-like domain. FAT4 is expressed widely across tissues with higher expression observed in the kidney liver and cardiovascular system indicating its involvement in diverse physiological processes. This protein plays a role in maintaining cell adhesion and communication.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

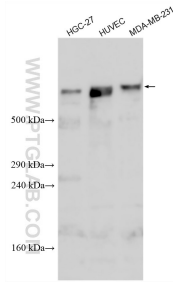
For technical support and original validation data for this product please contact:

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

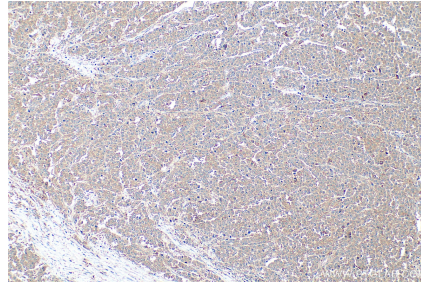
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

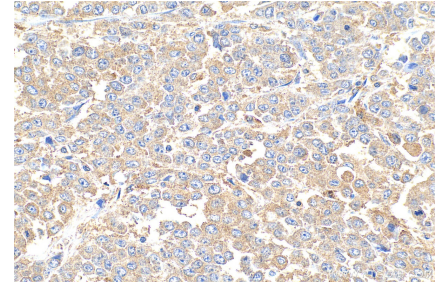
Selected Validation Data



Various lysates were subjected to Tris-Acetate gel system followed by western blot with 33468-1-AP (FAT4 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 33468-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 33468-1-AP (FAT4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 33468-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 33468-1-AP (FAT4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 33468-1-PBS in a different storage buffer formulation.