

For Research Use Only

FAT4 Polyclonal antibody, PBS Only

Catalog Number: 33468-1-PBS



Basic Information

Catalog Number:

33468-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG37862

GenBank Accession Number:

NM_001291285

GeneID (NCBI):

79633

UNIPROT ID:

Q6V0I7

Full Name:

FAT tumor suppressor homolog 4
(Drosophila)

Calculated MW:

4981aa, 543 kDa

Observed MW:

540 kDa

Purification Method:

Antigen affinity Purification

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

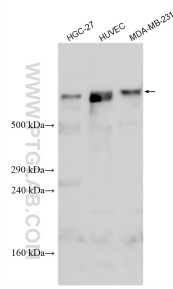
T: 4006900926

E: Proteintech-CN@ptglab.com

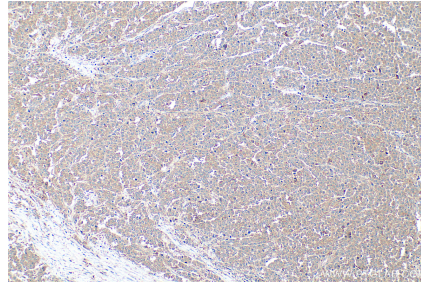
W: ptgcn.com

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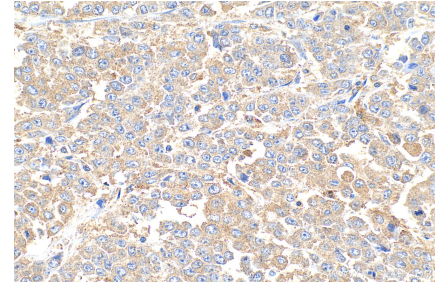
Selected Validation Data



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.