

For Research Use Only

FNDC3B Polyclonal antibody, PBS Only

Catalog Number: 22605-1-PBS

Featured Product



Basic Information

Catalog Number:

22605-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18357

GenBank Accession Number:

BC039297

GeneID (NCBI):

64778

UNIPROT ID:

Q53EPO

Full Name:

fibronectin type III domain containing 3B

Calculated MW:

1204 aa, 133 kDa

Observed MW:

150 kDa, 70 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

Fibronectin type III domain-containing protein 3B (FNDC3B), also named FAD104, belongs to the FNDC3 family. FNDC3B is a positive regulator of adipocyte differentiation and is expressed at an early stage of adipocyte differentiation. FNDC3B is an endoplasmic reticulum transmembrane protein with a single transmembrane domain at the C terminus preceded by nine repeated fibronectin type III domains (PMID: 32966780). Due to the ability of the fibronectin type III domain to bind to a variety of proteins, FNDC3B plays a crucial role in cell adhesion, proliferation, and growth signaling. FNDC3B is abnormally expressed in a variety of human cancers, including hepatocellular carcinoma, acute myeloid leukemia, colorectal carcinoma, and cervical carcinoma (PMID: 36275754).

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:

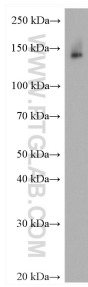
T: 4006900926

E: Proteintech-CN@ptglab.com

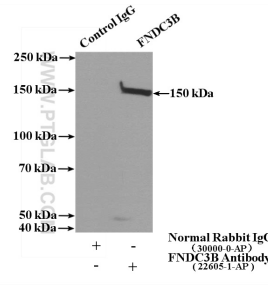
W: ptgcn.com

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

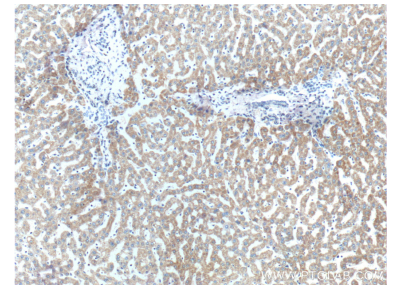
Selected Validation Data



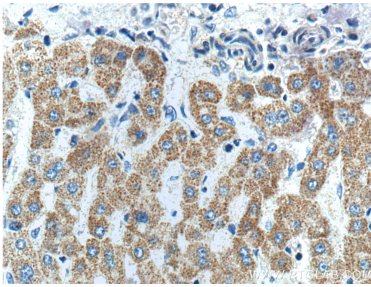
4T1 cells were subjected to SDS PAGE followed by western blot with 22605-1-AP (FNDC3B antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 22605-1-PBS in a different storage buffer formulation.



IP result of anti-FNDC3B (IP:22605-1-AP, 4ug; Detection:22605-1-AP 1:1000) with HepG2 cells lysate 2400ug. This data was developed using the same antibody clone with 22605-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 22605-1-AP (FNDC3B Antibody) at dilution of 1:200 (under 10x lens). This data was developed using the same antibody clone with 22605-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 22605-1-AP (FNDC3B Antibody) at dilution of 1:200 (under 40x lens). This data was developed using the same antibody clone with 22605-1-PBS in a different storage buffer formulation.