

For Research Use Only

C4orf32 Polyclonal antibody, PBS Only

Catalog Number:33453-1-PBS



Basic Information

Catalog Number:

33453-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG38764

GenBank Accession Number:

BC022534

GeneID (NCBI):

132720

UNIPROT ID:

Q8N8J7

Full Name:

chromosome 4 open reading frame 32

Observed MW:

20 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

The FAM241A protein, also known as C4orf32, is a key regulatory factor that is localized to the Golgi apparatus. It plays an important role in maintaining the structural integrity of the Golgi apparatus and is involved in processes such as protein glycosylation and vesicle transport. More importantly, FAM241A has been identified as a novel negative regulator of the Hippo signaling pathway. It directly binds to and inhibits the activity of the core kinases MST1/2, thereby relieving the suppression of the downstream effectors YAP/TAZ, promoting cell proliferation, and inhibiting apoptosis. Aberrant function of FAM241A is closely related to the occurrence and development of various human diseases, especially tumors, making it a highly promising target for basic research and clinical translation.

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:

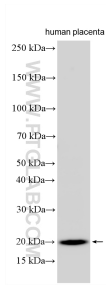
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33453-1-AP (C4orf32 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 33453-1-PBS in a different storage buffer formulation.