

For Research Use Only

C4orf32 Polyclonal antibody

Catalog Number:33453-1-AP



Basic Information

Catalog Number: 33453-1-AP	GenBank Accession Number: BC022534	Purification Method: Antigen affinity Purification
Concentration: 300 µg/ml	GeneID (NCBI): 132720	Recommended Dilutions: WB: 1:1000-1:6000
Source: Rabbit	UNIPROT ID: Q8N8J7	
Isotype: IgG	Full Name: chromosome 4 open reading frame 32	
Immunogen Catalog Number: AG38764	Observed MW: 20 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : human placenta tissue,
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 -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:

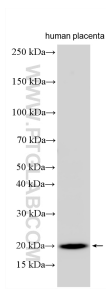
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Selected Validation Data



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.