

For Research Use Only

FAM69C Polyclonal antibody, PBS Only

Catalog Number: 32720-1-PBS



Basic Information

Catalog Number: 32720-1-PBS	GenBank Accession Number: NM_001044369	Purification Method: Antigen affinity Purification
Source: Rabbit	GeneID (NCBI): 125704	
Isotype: IgG	UNIPROT ID: Q0P6D2	
Immunogen Catalog Number: AG37611	Full Name: chromosome 18 open reading frame 51	
	Calculated MW: 46 kDa	
	Observed MW: 46 kDa, 55 kDa, 32 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

FAM69C is a kinase critically involved in neurodegenerative dementia. Biochemical analyses uncover that FAM69C is a serine/threonine kinase. Phosphoproteomic characterizations reveal that FAM69C substrates are involved in synaptic structure and function. Reduced levels of FAM69C are found in postmortem brains of Alzheimer's disease patients. FAM69C is a protective regulator of memory and a potential therapeutic target for memory loss in neurodegenerative dementia (PMID: 35858575). FAM69C undergoes glycosylation modification, and a 55 kDa band was observed in the literature (PMID: 35858575). The mouse FAM69C has two isoforms, and the predicted molecular weight is 46 kDa and 30 kDa.

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:

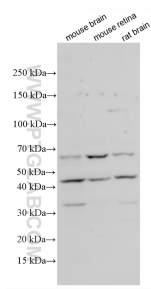
T: 4006900926

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



Various lysates were subjected to SDS PAGE followed by western blot with 32720-1-AP (DIPK1C antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32720-1-PBS in a different storage buffer formulation.