

For Research Use Only

FAM69C Polyclonal antibody

Catalog Number:32720-1-AP



Basic Information

Catalog Number: 32720-1-AP	GenBank Accession Number: NM_001044369	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 320 ug/ml by Nanodrop;	GeneID (NCBI): 125704	Recommended Dilutions: WB: 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q0P6D2	
Isotype: IgG	Full Name: chromosome 18 open reading frame 51	
Immunogen Catalog Number: AG37611	Calculated MW: 46 kDa	
	Observed MW: 46 kDa, 55 kDa, 32 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse brain tissue, mouse retina tissue, rat brain tissue
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 -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

*** 20ul sizes contain 0.1% BSA

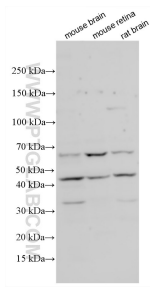
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32720-1-AP (DIPK1C antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.