

For Research Use Only

FAM69C Polyclonal antibody, PBS Only

Catalog Number:32720-1-PBS



Basic Information

Catalog Number:

32720-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG37611

GenBank Accession Number:

NM_001044369

GeneID (NCBI):

125704

UNIPROT ID:

Q0P6D2

Full Name:

chromosome 18 open reading frame

51

Calculated MW:

46 kDa

Observed MW:

46 kDa, 55 kDa, 32 kDa

Purification Method:

Antigen affinity Purification

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.

Storage Buffer:

PBS only, pH7.3

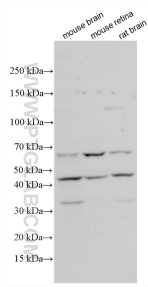
For technical support and original validation data for this product please contact:

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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. This data was developed using the same antibody clone with 32720-1-PBS in a different storage buffer formulation.