

For Research Use Only

FAM65B Polyclonal antibody

Catalog Number: 17015-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

17015-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9991

GenBank Accession Number:

BC001232

GeneID (NCBI):

9750

UNIPROT ID:

Q9Y4F9

Full Name:

family with sequence similarity 65, member B

Calculated MW:

118 kDa

Observed MW:

115 kDa, 66 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human

Cited Species:

human, rat, mouse

Positive Controls:

WB : human skeletal muscle tissue,

Background Information

FAM65B is also named as C6orf32, DIFF48, KIAA0386, PL48 and belongs to the FAM65 family. It has 2 isoforms produced by alternative splicing. Isoform 2 play a role in promoting myogenic cell differentiation, cytoskeletal rearrangement and filopodia formation (PMID:17150207). FAM65B is expressed in mononuclear cells, not in myotubes, upon induction of differentiation and cellular fusion, and expression is upregulated during human myoblast differentiation at both the mRNA and protein levels (PMID:17150207). This antibody is specific to the isoform of 119 kDa of FAM65B.

Notable Publications

Author	Pubmed ID	Journal	Application
Anuradha Balasubramanian	24687993	FASEB J	WB
Oscar Diaz-Horta	24958875	Proc Natl Acad Sci U S A	WB, IF
Kun Gao	25588844	J Cell Sci	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

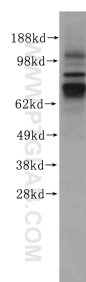
For technical support and original validation data for this product please contact:

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E: proteintech@ptglab.com
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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



human skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 17015-1-AP (FAM65B antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.