

For Research Use Only

# FAM65B Polyclonal antibody

Catalog Number: 17015-1-AP

Featured Product

3 Publications



## Basic Information

**Catalog Number:**

17015-1-AP

**Size:**

450 µg/ml

**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

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

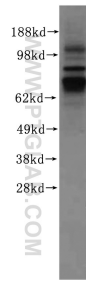
T: 4006900926

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



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.