

For Research Use Only

# IGSF21 Polyclonal antibody

Catalog Number: 21465-1-AP

Featured Product

2 Publications



## Basic Information

**Catalog Number:**

21465-1-AP

**Size:**

150ul, Concentration: 400 µg/ml by Nanodrop and 200 µg/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG15062

**GenBank Accession Number:**

BC007618

**GeneID (NCBI):**

84966

**UNIPROT ID:**

Q96ID5

**Full Name:**

immunoglobulin superfamily, member 21

**Calculated MW:**

467 aa, 52 kDa

**Observed MW:**

48-50 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

## Applications

**Tested Applications:**

WB, ELISA

**Cited Applications:**

WB, IHC

**Species Specificity:**

human, mouse, rat

**Cited Species:**

mouse

**Positive Controls:**

WB : mouse brain tissue,

## Background Information

IGSF21 (Immunoglobulin superfamily member 21) is a GPI-anchored protein that contains two immunoglobulin-like domains (Ig-like 1 and Ig-like 2). The Ig-like 1 domain of IGSF21 is indispensable for synaptogenic activity whereas its Ig-like 2 domain is secondarily responsible for the activity. It has been reported that IGSF21 selectively regulates inhibitory presynaptic differentiation through interacting with presynaptic neuroligin 2 and plays a crucial role in synaptic inhibition in the brain. (PMID: 28864826)

## Notable Publications

Author	Pubmed ID	Journal	Application
Yuko Tanabe	28864826	Nat Commun	WB
Jon Landa	38370417	Front Immunol	IHC

## 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

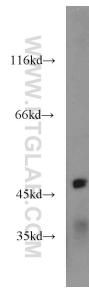
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 21465-1-AP (IGSF21 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.