

For Research Use Only

IGSF8/CD316 Polyclonal antibody

Catalog Number: 14387-1-AP **2 Publications**



Basic Information

Catalog Number:

14387-1-AP

Size:

160 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5846

GenBank Accession Number:

BC053881

GeneID (NCBI):

93185

UNIPROT ID:

Q969P0

Full Name:

immunoglobulin superfamily,
member 8

Calculated MW:

65 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IP 0.5-4.0 µg for 1.0-3.0 mg of total
protein lysate

Applications

Tested Applications:

IP, WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

rat

Positive Controls:

WB : K-562 cells, HEK-293 cells, mouse brain tissue

IP : mouse brain tissue,

Background Information

IGSF8 is also known as CD316, PGRL (PG regulatory-like protein), KAI/CD82-associated surface molecule, and CD81-binding partner 3 (CD81P3). IGSF8 contains four immunoglobulin domains, a transmembrane region, and a short cytoplasmic tail that does not bear any signature motif for signal transduction. IGSF8 which is abundantly expressed in olfactory sensory neuron (OSN) axons and their developing synapses. (PMID: 17785435, PMID: 22687584)

Notable Publications

Author	Pubmed ID	Journal	Application
Bao-Cheng Yang	32057365	Biochem Biophys Res Commun	WB
Ming-Jie Kuang	33510944	Mol Ther Nucleic Acids	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:

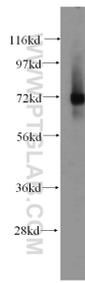
T: 4006900926

E: Proteintech-CN@ptglab.com

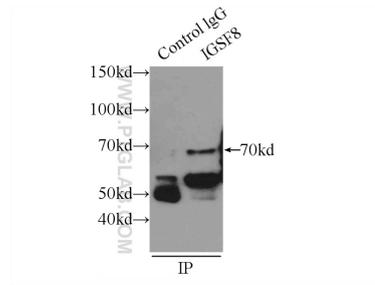
W: ptgcn.com

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Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 14387-1-AP (IGSF8 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP result of anti-IGSF8/CD316 (IP:14387-1-AP, 3ug; Detection:14387-1-AP 1:500) with mouse brain tissue lysate 5000ug.