

For Research Use Only

IGSF8/CD316 Polyclonal antibody

Catalog Number: 33948-1-AP



Basic Information

Catalog Number: 33948-1-AP	GenBank Accession Number: AF439263.1	Purification Method: Antigen affinity Purification
Source: Rabbit	GeneID (NCBI): 140559	Recommended Dilutions: WB: 1:1000-1:6000
Isotype: IgG	UNIPROT ID: Q8R366	IHC: 1:200-1:800 IF/ICC: 1:200-1:800
Immunogen Catalog Number: EG6320	Full Name: immunoglobulin superfamily, member 8	
	Calculated MW: 65 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: Neuro-2a cells, mouse brain tissue, rat brain tissue

IHC: mouse brain tissue,

IF/ICC: Neuro-2a cells,

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 is abundantly expressed in olfactory sensory neuron (OSN) axons and their developing synapses. (PMID: 17785435, PMID: 22687584)

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

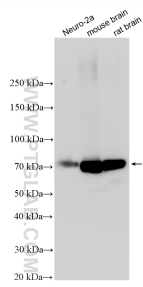
T: 4006900926

E: Proteintech-CN@ptglab.com

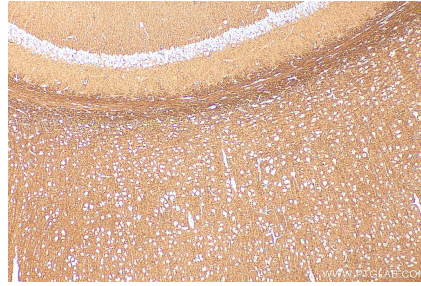
W: ptgcn.com

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

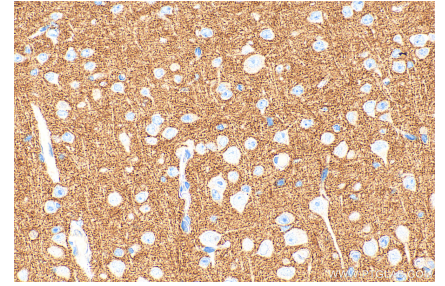
Selected Validation Data



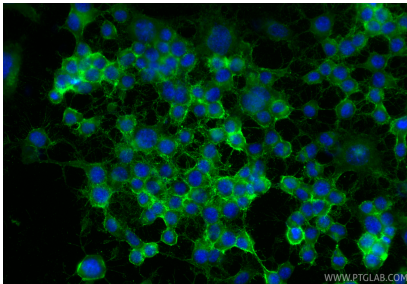
Various lysates were subjected to SDS PAGE followed by western blot with 33948-1-AP (CD316/IGSF8 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 33948-1-AP (IGSF8/CD316 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 33948-1-AP (IGSF8/CD316 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed Neuro-2a cells using IGSF8/CD316 antibody (33948-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).