

For Research Use Only

POU3F3-Specific Polyclonal antibody



Catalog Number: 18999-1-AP

3 Publications

Basic Information

Catalog Number:

18999-1-AP

Size:

900 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_006236

GeneID (NCBI):

5455

UNIPROT ID:

P20264

Full Name:

POU class 3 homeobox 3

Calculated MW:

50 kDa

Observed MW:

66 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

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 : SH-SY5Y cells, HEK-293 cells, human brain tissue, mouse brain tissue

IHC : human brain tissue,

Background Information

OTF8, also named as POU3F3 and BRN1, belongs to the POU transcription factor family and Class-3 subfamily. The antibody is specific to OTF8.

Notable Publications

Author	Pubmed ID	Journal	Application
Beatrix Sarkany	34554322	Histochem Cell Biol	IHC
Faming Wang	33756230	Int Immunopharmacol	WB
Alexander G Marneros	32553120	Dev Cell	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:

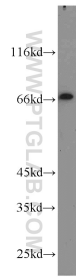
T: 4006900926

E: Proteintech-CN@ptglab.com

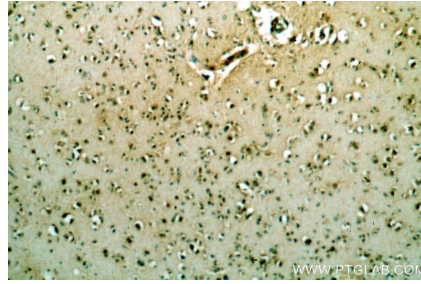
W: ptgcn.com

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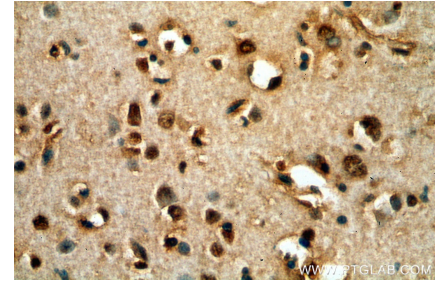
Selected Validation Data



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 18999-1-AP (POU3F3-Specific antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain using 18999-1-AP (POU3F3-Specific antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain using 18999-1-AP (POU3F3-Specific antibody) at dilution of 1:100 (under 40x lens).