For Research Use Only

POU3F3-Specific Polyclonal antibody

Catalog Number:18999-1-AP 3 Publications

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Basic Information

Catalog Number:
18999-1-AP

Size:
150ul , Concentration: 900 ug/ml by Nanodrop and 433 ug/ml by Bradford method using BSA as the standard;

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:
WB, IHC, 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

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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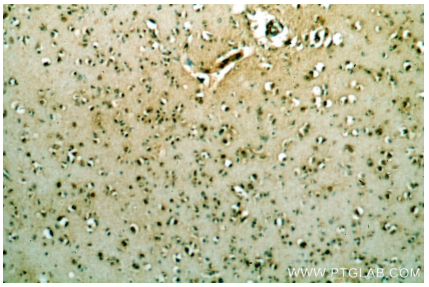
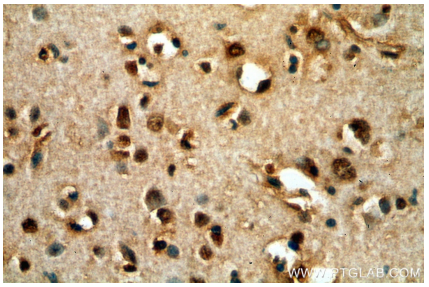
Selected Validation Data

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).