

For Research Use Only

POU4F3 Recombinant antibody

Catalog Number: 82980-1-RR



Basic Information

Catalog Number: 82980-1-RR	GenBank Accession Number: BC104923	Purification Method: Protein A purification
Size: 100ul , Concentration: 600 µg/ml by Nanodrop;	GeneID (NCBI): 5459	CloneNo.: 230345F1
Source: Rabbit	UNIPROT ID: Q15319	Recommended Dilutions: WB 1:2000-1:12000 IHC 1:200-1:800 IF 1:50-1:500
Isotype: IgG	Full Name: POU class 4 homeobox 3	
Immunogen Catalog Number: AG16004	Calculated MW: 338 aa, 37 kDa	
	Observed MW: 33-40 kDa	

Applications

Tested Applications:
WB, IF, FC, IHC, ELISA

Species Specificity:
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 : Neuro-2a cells, mouse brain tissue

IHC : mouse brain tissue,

IF : U2OS cells,

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**

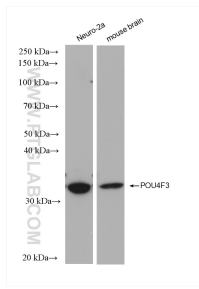
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

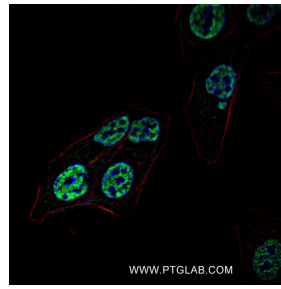
E: proteintech@ptglab.com
W: ptglab.com

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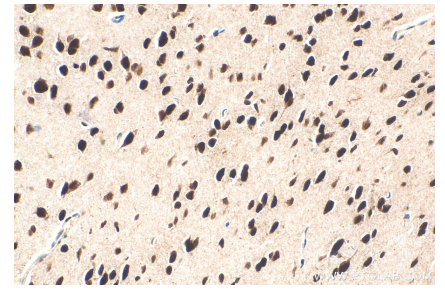
Selected Validation Data



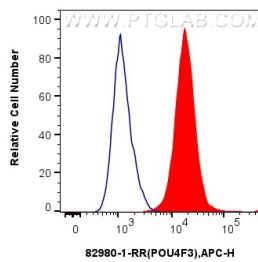
Various lysates were subjected to SDS PAGE followed by western blot with 82980-1-RR (POU4F3 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using POU4F3 antibody (82980-1-RR, Clone: 230345F1) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 82980-1-RR (POU4F3 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1x10⁶ U-251 cells were intracellularly stained with 0.25 ug Anti-Human POU4F3 (82980-1-RR, Clone:230345F1) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.