

For Research Use Only

POU4F3 Recombinant antibody, PBS Only

Catalog Number: 82980-1-PBS



Basic Information

Catalog Number:

82980-1-PBS

Size:

100ug, Concentration: 1mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16004

GenBank Accession Number:

BC104923

GeneID (NCBI):

5459

UNIPROT ID:

Q15319

Full Name:

POU class 4 homeobox 3

Calculated MW:

338 aa, 37 kDa

Observed MW:

33-40 kDa

Purification Method:

Protein A purification

CloneNo.:

230345F1

Applications

Tested Applications:

WB, IHC, IF/ICC, IF-P, FC (Intra), Indirect ELISA

Species Specificity:

human, mouse

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

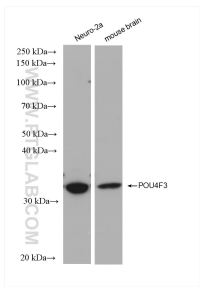
For technical support and original validation data for this product please contact:

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

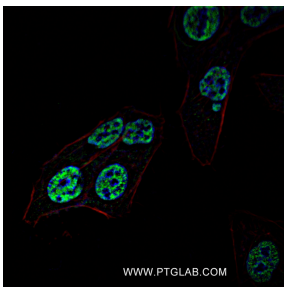
E: proteintech@ptglab.com
W: ptglab.com

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

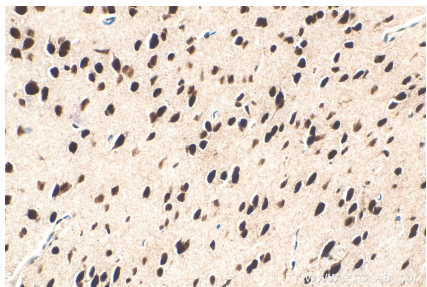
Selected Validation Data



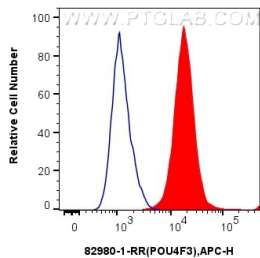
Various lysates were subjected to SDS PAGE followed by western blot with 82980-1-RR (POU4F3 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82980-1-PBS in a different storage buffer formulation.



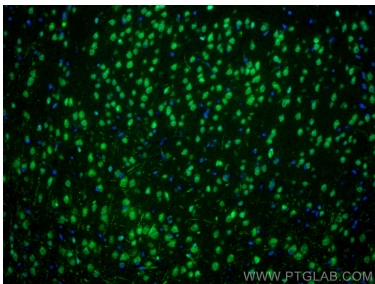
Immunofluorescent analysis of (4% PFA) fixed U2OS cells using POU4F3 antibody (82980-1-RR, Clone: 230345F1) at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1). This data was developed using the same antibody clone with 82980-1-PBS in a different storage buffer formulation.



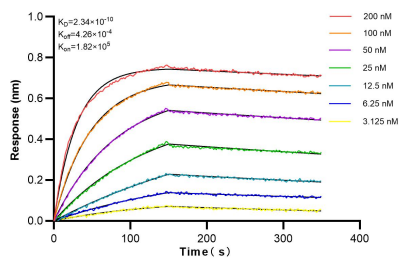
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 82980-1-RR (POU4F3 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 82980-1-PBS in a different storage buffer formulation.



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-O-AP) (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set. This data was developed using the same antibody clone with 82980-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded rat brain tissue using POU4F3 antibody (82980-1-RR, Clone: 230345F1) at dilution of 1:350 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 82980-1-PBS in a different storage buffer formulation.



Bilayer interferometry (BLI) kinetic assays of 82980-1-RR against Human POU4F3 were performed. The affinity constant is 0.234 nM.