

For Research Use Only

POU4F2 Polyclonal antibody

Catalog Number: 55042-1-AP **4 Publications**



Basic Information

Catalog Number: 55042-1-AP	GenBank Accession Number: NM_004575	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 280 ug/ml by Nanodrop and 240 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5458	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q12837	
Isotype: IgG	Full Name: POU class 4 homeobox 2	
	Calculated MW: 43 kDa	
	Observed MW: 40-44 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : L02 cells, mouse eye tissue, mouse brain tissue
Cited Applications: WB, IF	
Species Specificity: human, mouse	
Cited Species: human, mouse	

Background Information

POU4F2, also named as BRN3.2, BRN3B and Brn-3b, belongs to the POU transcription factor family and Class-4 subfamily. It is a transcription factor. POU4F2 may play a role in determining or maintaining the identities of a small subset of visual system neurons. The antibody is specific to POU4F2.

Notable Publications

Author	Pubmed ID	Journal	Application
Zuberwasim Sayyad	34023378	Neurochem Int	WB, IF
Deliang Zhu	32131893	Stem Cell Res Ther	
Zuberwasim Sayyad	29203899	Sci Rep	WB,IF

Storage

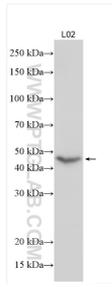
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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

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

Selected Validation Data



L02 cells were subjected to SDS PAGE followed by western blot with 55042-1-AP (POU4F2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.