

For Research Use Only

POU2AF1 Polyclonal antibody

Catalog Number: 13605-1-AP



Basic Information

Catalog Number:

13605-1-AP

Size:

150ul , Concentration: 650 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4482

GenBank Accession Number:

BC032549

GeneID (NCBI):

5450

ENSEMBL Gene ID:

ENSG00000110777

UNIPROT ID:

Q16633

Full Name:

POU class 2 associating factor 1

Calculated MW:

256 aa, 27 kDa

Observed MW:

35 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : Raji cells, mouse lung tissue

Background Information

POU2AF1, also named as BOB-1 or OCA-B, is a 256 amino acid protein, which belongs to the POU2AF1 family. POU2AF1 is expressed in B-cell specific. POU2AF1 as a transcriptional coactivator that specifically associates with either OCT1 or OCT2. It boosts the OCT1 mediated promoter activity and to a lesser extent, that of OCT2. It has no intrinsic DNA-binding activity. It recognizes the POU domains of OCT1 and OCT2. It is essential for the response of B-cells to antigens and required for the formation of germinal centers. The predicted size of this protein is 27 kDa. Studies have reported that the protein has a multi-band size of 34-35 kDa through siRNA interference experiments (PMID: 17621271). This result is the same as our experiments.

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

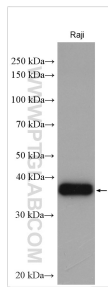
For technical support and original validation data for this product please contact:

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

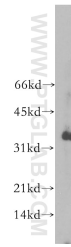
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Raji cells were subjected to SDS PAGE followed by western blot with 13605-1-AP (POU2AF1 antibody) at dilution of 1:5000 and incubated at room temperature for 1.5 hours.



mouse lung tissue was subjected to SDS PAGE followed by western blot with 13605-1-AP (POU2AF1 antibody) at dilution of 1:500 and incubated at room temperature for 1.5 hours.