

For Research Use Only

RFX1 Polyclonal antibody

Catalog Number: 26859-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

26859-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25442

GenBank Accession Number:

BC049826

GeneID (NCBI):

5989

UNIPROT ID:

P22670

Full Name:

regulatory factor X, 1 (influences HLA class II expression)

Calculated MW:

105 kDa

Observed MW:

135 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

WB: Jurkat cells, HL-60 cells

IP: Jurkat cells,

Background Information

RFX1, also named as MHC class II regulatory factor RFX1, is a 979 amino acid protein which contains 1 RFX-type winged-helix DNA-binding domain and belongs to the RFX family. RFX1 can binds DNA as a homodimer and heterodimerizes with RFX2 and RFX3. RFX1 as a regulatory factor is essential for MHC class II genes expression. RFX1 protein is modified after translation and its molecular weight could be migrate to 130-140 kDa (PMID: 20189986).

Notable Publications

| Author | Pubmed ID | Journal | Application |
|------------|-----------|----------------|-------------|
| Hualin Cao | 39743726 | Ren Fail | IHC |
| Wentao Jia | 37781522 | Int J Biol Sci | IF, 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

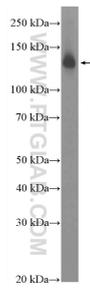
For technical support and original validation data for this product please contact:

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

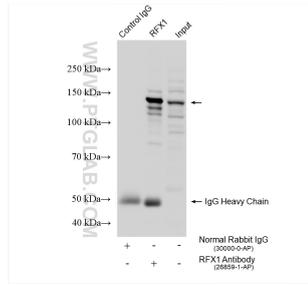
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 26859-1-AP (RFX1 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-RFX1 (IP:26859-1-AP, 4ug; Detection:26859-1-AP 1:500) with Jurkat cells lysate 2030 ug.