

For Research Use Only

RFX1 Polyclonal antibody

Catalog Number: 26859-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

26859-1-AP

Size:

500 µg/ml

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 µg 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 bind 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

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

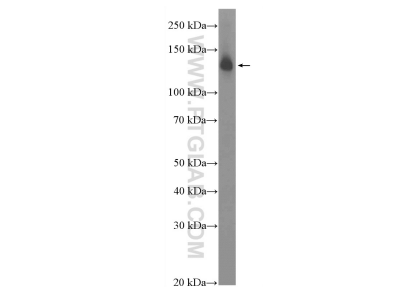
T: 4006900926

E: Proteintech-CN@ptglab.com

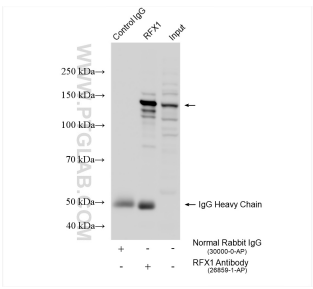
W: ptgcn.com

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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.