

For Research Use Only

XAF1 Polyclonal antibody

Catalog Number: 27057-1-AP



Basic Information

Catalog Number:

27057-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25843

GenBank Accession Number:

BC073156

GeneID (NCBI):

54739

UNIPROT ID:

Q6GPH4

Full Name:

XIAP associated factor 1

Calculated MW:

301 aa, 35 kDa

Observed MW:

35 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:1000

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

Applications

Tested Applications:

WB, IP, ELISA

Species Specificity:

human

Positive Controls:

WB : Jurkat cells, IFN alpha treated treated Jurkat cells

IP : Jurkat cells,

Background Information

XIAP-associated factor 1 (XAF1) is also named as BIRC4BP (BIRC4-binding protein) and XIAPAF1. XAF1 was originally identified as an antagonist of XIAP counteracting its anti-caspase activity by inhibiting the RING domain of XIAP. XAF1 is also concerned with IFN-induced apoptosis (PMID: 35972291). XAF1 plays a key role in the communication between IRF1-mediated early immune responses and IRF3-mediated late IFN-dependent immune responses (PMID: 37595039). XAF1 as a direct interacting protein of AKT1, which strongly binds the N-terminal region of AKT1 to block its K63-linked poly-ubiquitination and subsequent activation (PMID: 37384528). XAF1 may serve as an osteoprotective regulator to restore bone homeostasis (PMID: 38957269).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

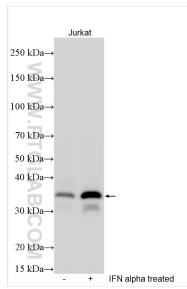
For technical support and original validation data for this product please contact:

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

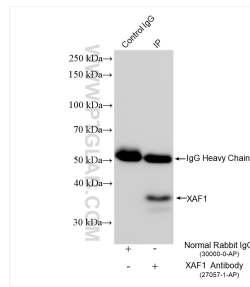
E: proteintech@ptglab.com
W: ptglab.com

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

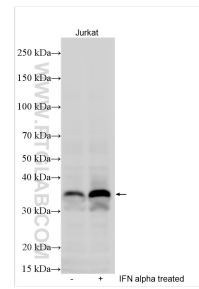
Selected Validation Data



Untreated and IFN alpha treated Jurkat cells were subjected to SDS PAGE followed by western blot with 27057-1-AP (XAF1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-XAF1 (IP:27057-1-AP, 4 μ g; Detection:27057-1-AP 1:800) with Jurkat cells lysate 1920 μ g.



Untreated and IFN alpha treated Jurkat cells were subjected to SDS PAGE followed by western blot with 27057-1-AP (XAF1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.