

For Research Use Only

PFAS Polyclonal antibody

Catalog Number: 24716-1-AP



Basic Information

Catalog Number:

24716-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20162

GenBank Accession Number:

BC167158

GeneID (NCBI):

5198

UNIPROT ID:

O15067

Full Name:

phosphoribosylformylglycinamide synthase

Calculated MW:

1338 aa, 145 kDa

Observed MW:

140-150 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IF 1:200-1:800

Applications

Tested Applications:

IF/ICC, WB, ELISA

Species Specificity:

human, Mouse

Positive Controls:

WB : HEK-293T cells, HeLa cells, Jurkat cells, K-562 cells, NIH/3T3 cells

IF : A431 cells,

Background Information

Phosphoribosylformylglycinamide synthase (PFAS) is a highly conserved enzyme that catalyzes the fourth step of de novo purine synthesis. It catalyzes the ATP-dependent conversion of formylglycinamide ribonucleotide (FGAR) and glutamine to yield formylglycinamide ribonucleotide (FGAM) and glutamate.

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:

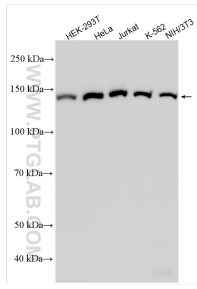
T: 4006900926

E: Proteintech-CN@ptglab.com

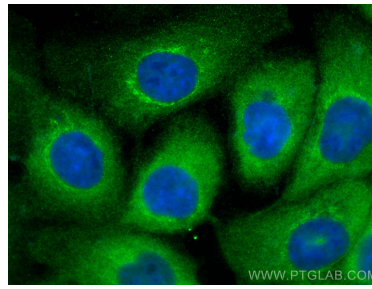
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24716-1-AP (PFAS antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using PFAS antibody (24716-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).