

For Research Use Only

PFAS Polyclonal antibody

Catalog Number: 24716-1-AP



Basic Information

Catalog Number: 24716-1-AP	GenBank Accession Number: BC167158	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop;	GeneID (NCBI): 5198	Recommended Dilutions: WB 1:500-1:3000 IF 1:200-1:800
Source: Rabbit	Full Name: phosphoribosylformylglycinamide synthase	
Isotype: IgG	Calculated MW: 1338 aa, 145 kDa	
Immunogen Catalog Number: AG20162	Observed MW: 140-150 kDa	

Applications

Tested Applications:
IF, 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

***** 20ul sizes contain 0.1% BSA**

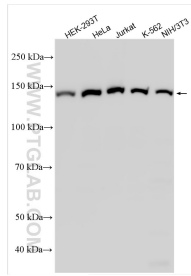
For technical support and original validation data for this product please contact:

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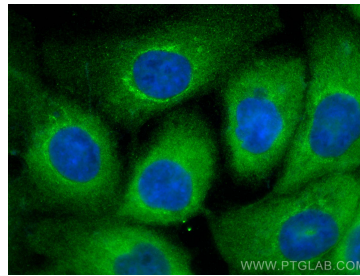
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Selected Validation Data



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).