

For Research Use Only

PFAS Polyclonal antibody, PBS Only

Catalog Number: 24716-1-PBS

Featured Product



Basic Information

Catalog Number:

24716-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse

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 -80°C.

Storage Buffer:

PBS only, pH7.3

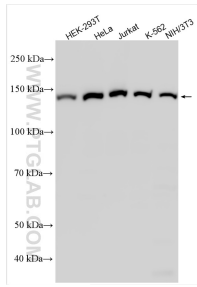
For technical support and original validation data for this product please contact:

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

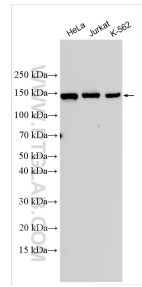
E: proteintech@ptglab.com
W: ptglab.com

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

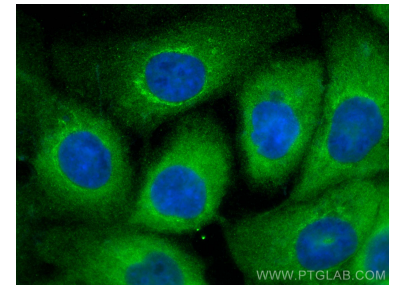
Selected Validation Data



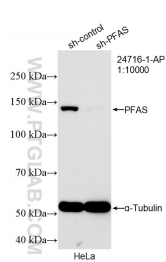
Various lysates were subjected to SDS PAGE followed by western blot with 24716-1-AP (PFAS antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 24716-1-PBS in a different storage buffer formulation.



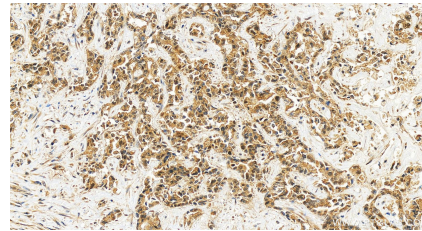
Various lysates were subjected to SDS PAGE followed by western blot with 24716-1-AP (PFAS antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 24716-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 24716-1-PBS in a different storage buffer formulation.



WB result of PFAS antibody (24716-1-AP; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PFAS transfected HeLa cells. This data was developed using the same antibody clone with 24716-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 24716-1-AP (PFAS antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 24716-1-PBS in a different storage buffer formulation.