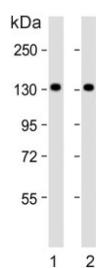


PFAS Antibody / Phosphoribosylformylglycinamide synthase (F54807)

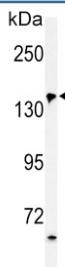
Catalog No.	Formulation	Size
F54807-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54807-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

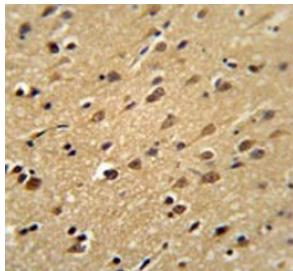
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	O15067
Localization	Cytoplasmic
Applications	Flow Cytometry : 1:10-1:50 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:50-1:100 Western Blot : 1:500-1:1000
Limitations	This PFAS antibody is available for research use only.



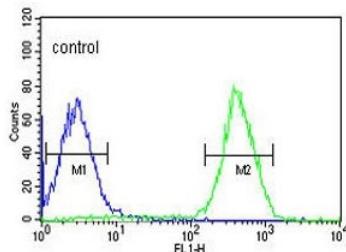
Western blot testing of human 1) 293T and 2) Jurkat cell lysate with PFAS antibody. Predicted molecular weight ~145 kDa.



Western blot testing of human HepG2 cell lysate with PFAS antibody. Predicted molecular weight ~145 kDa.



IHC testing of FFPE human brain tissue with PFAS antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of human HepG2 cells with PFAS antibody; Blue=isotype control, Green= PFAS antibody.

Description

Phosphoribosylformylglycinamidine synthase is involved in the purines biosynthetic pathway. Catalyzes the ATP-dependent conversion of formylglycinamide ribonucleotide (FGAR) and glutamine to yield formylglycinamidine ribonucleotide (FGAM) and glutamate (By similarity). [UniProt]

Application Notes

The stated application concentrations are suggested starting points. Titration of the PFAS antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 184-213 from the human protein was used as the immunogen for the PFAS antibody .

Storage

Aliquot the PFAS antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.