

ARG45401 anti-PFAS antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PFAS
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PFAS
Species	Human
Immunogen	Recombinant protein containing to human PFAS.
Conjugation	Un-conjugated
Alternate Names	PFAS; Phosphoribosylformylglycinamide Synthase; FGAR Amidotransferase; KIAA0361; FGARAT; GATD8; PURL; Formylglycinamide Ribonucleotide Amidotransferase; Phosphoribosylformylglycineamide Amidotransferase; Formylglycinamide Ribotide Amidotransferase; FGAM Synthase; EC; FGAR-AT; FGAMS; Formylglycinamide Ribotide Synthetase; IKZF1/PFAS Fusion

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	WB	0.1-0.25 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	145 kDa	

Properties

Form	Powder
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

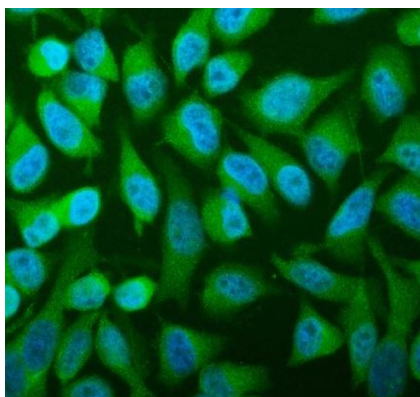
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

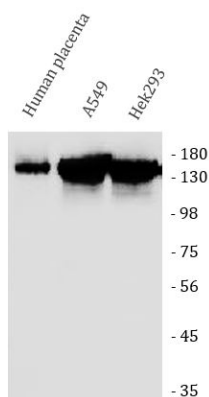
Gene Symbol	PFAS
Gene Full Name	Phosphoribosylformylglycinamide Synthase
Background	Purines are necessary for many cellular processes, including DNA replication, transcription, and energy metabolism. Ten enzymatic steps are required to synthesize inosine monophosphate (IMP) in the de novo pathway of purine biosynthesis. The enzyme encoded by this gene catalyzes the fourth step of IMP biosynthesis. [provided by RefSeq, Jul 2008]
Function	Phosphoribosylformylglycinamide synthase involved in the purines biosynthetic pathway. Catalyzes the ATP-dependent conversion of formylglycinamide ribonucleotide (FGAR) and glutamine to yield formylglycinamide ribonucleotide (FGAM) and glutamate. [UniProt]
Calculated Mw	145 kDa
PTM	Phosphoprotein. [UniProt]
Cellular Localization	Cytoplasm. [UniProt]

Images



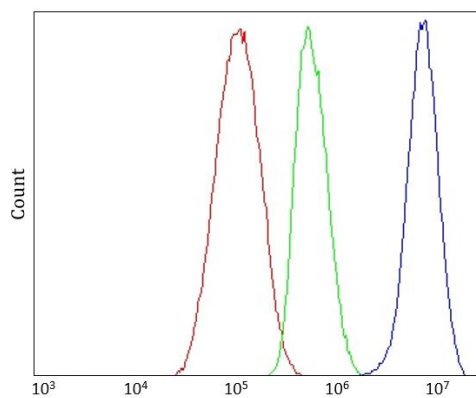
ARG45401 anti-PFAS antibody ICC/IF image

Immunofluorescence: HeLa stained with ARG45401 anti-PFAS antibody at 5 µg/ml dilution.



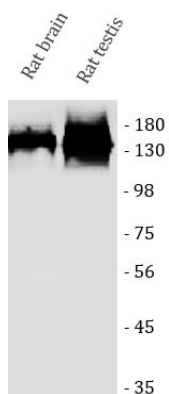
ARG45401 anti-PFAS antibody WB image

Western blot: Human placenta, A549 and HEK293 stained with ARG45401 anti-PFAS antibody at 0.5 µg/ml dilution.



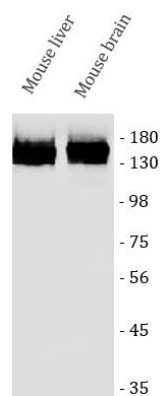
ARG45401 anti-PFAS antibody FACS image

Flow Cytometry: HepG2 stained with ARG45401 anti-PFAS antibody at 1 µg/10⁶ cells dilution.



ARG45401 anti-PFAS antibody WB image

Western blot: Rat brain and rat testis stained with ARG45401 anti-PFAS antibody at 0.5 µg/ml dilution.



ARG45401 anti-PFAS antibody WB image

Western blot: Mouse liver and mouse brain stained with ARG45401 anti-PFAS antibody at 0.5 µg/ml dilution.