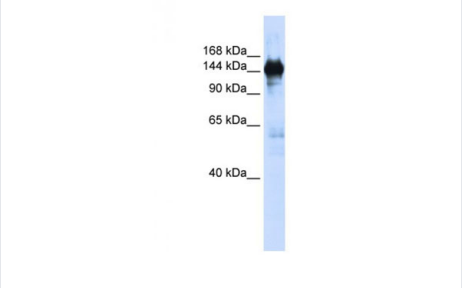
PFAS Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PFAS, Polyclonal Antibody
Full Product Name	PFAS antibody
Product Gene Name	anti-PFAS antibody
Product Synonym Names	Polyclonal PFAS; Anti-PFAS; FGAMS; PURL; Fgar Amidotransferase; KIAA0361; Phosphoribosylformylglycinamidine Synthase; FGARAT
Clonality	Polyclonal
Host	Rabbit
Form/Format	Lyophilized powder. Add 50ul distilled water for a 1mg/ml concentration of PFAS antibody in PBS
Purity/Purification	Affinity purified
Concentration	1 mg/ml (lot specific)
Preparation and Storage	Store at 2-8 degree C for short periods. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.
Molecular Weight	145 kDa (MW of target protein)
OMIM	602133
Cross-Reactivity	Human
Immunogen	PFAS antibody was raised using a synthetic peptide corresponding to a region with amino acids ESIMSTQESSNPNNVLKFCDNSSAIQGKEVRFLRPEDPTRPSRFQQQQGL
Product Categories/Family for anti-PFAS antibody	Cell Biology; Purified Polyclonal Antibodies
Applications Tested/Suitable for anti-PFAS antibody	Western Blot (WB)
Application Notes for anti-PFAS antibody	WB: 1 ug/ml
Related Product Information for anti-PFAS antibody	MBS5300700 is an antibody targeting PFAS. Also known as PFAS antibody. Host: Rabbit. Rabbit polyclonal PFAS antibody
Other Notes	Small volumes of anti-PFAS antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-PFAS antibody
PFAS antibody (MBS5300700) used at 1 ug/ml to detect target protein.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PFAS. It may not necessarily be applicable to this product.

NCBI GI #	39793978
NCBI GeneID	5198
NCBI Accession #	AAH63538.1
UniProt Secondary Accession #	A6H8V8
UniProt Related Accession #	O15067
NCBI Official Full Name	PFAS protein, partial
NCBI Official Synonym Full Names	phosphoribosylformylglycinamidine synthase
NCBI Official Symbol	PFAS
NCBI Official Synonym Symbols	PURL; FGAMS; FGARAT; FGAR-AT
UniProt Protein Name	Phosphoribosylformylglycinamidine synthase
UniProt Synonym Protein Names	Formylglycinamide ribonucleotide amidotransferase; FGAR amidotransferase; FGAR-AT; Formylglycinamide ribotide amidotransferase
UniProt Gene Name	PFAS
UniProt Synonym Gene Names	KIAA0361; FGAM synthase; FGAMS; FGAR amidotransferase; FGAR-AT
UniProt Entry Name	PUR4_HUMAN
NCBI Protein Information	phosphoribosylformylglycinamidine synthase
NCBI Summary for PFAS	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]
UniProt Comments for PFAS	PFAS: Phosphoribosylformylglycinamidine synthase involved in the purines biosynthetic pathway. Catalyzes the ATP-dependent conversion of formylglycinamide ribonucleotide (FGAR) and glutamine to yield formylglycinamidine ribonucleotide (FGAM) and glutamate Protein type: Nucleotide Metabolism - purine; EC 6.3.5.3; Ligase Chromosomal Location of Human Ortholog: 17p13.1 Cellular Component: cytoplasm; cytosol Molecular Function: metal ion binding; phosphoribosylformylglycinamidine synthase activity; ATP binding Biological Process: response to drug; purine ribonucleoside monophosphate biosynthetic process; nucleobase, nucleoside and nucleotide metabolic process; ribonucleoside monophosphate biosynthetic process; glutamine metabolic process; purine nucleotide biosynthetic process; purine base metabolic process; 'de novo' IMP biosynthetic process
Research Articles on PFAS	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-antibody/pfas/5300700