

## Product datasheet for **TA339309**

### PFAS Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-PFAS antibody: synthetic peptide directed towards the N terminal of human PFAS. Synthetic peptide located within the following region: ESIMSTQESSNPNNVLKFCDNSSAIQGKEVRFLRPEDPTRPSRFQQQGL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	145 kDa
Gene Name:	phosphoribosylformylglycinamide synthase
Database Link:	<a href="#">NP_036525</a> <a href="#">Entrez Gene 5198 Human</a> <a href="#">O15067</a>
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]
Synonyms:	FGAMS; FGAR-AT; FGARAT; PURL

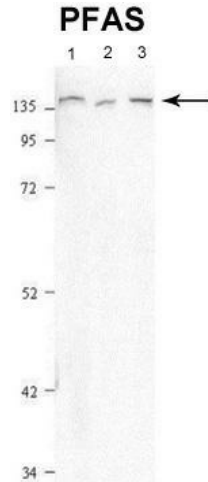


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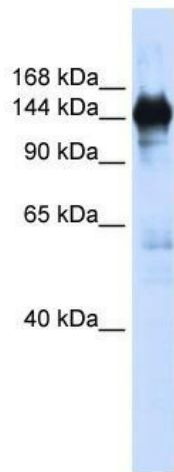
**Note:** Immunogen Sequence Homology: Human: 100%; Horse: 93%; Mouse: 92%; Pig: 86%; Guinea pig: 86%; Bovine: 83%; Rabbit: 79%

**Protein Pathways:** Metabolic pathways, Purine metabolism

**Product images:**



PFAS antibody - N-terminal region validated by WB using 1. Human Skin Fibroblasts (100ug); 2. HEK273 cells (20ug); 3. HeLa skin cells (20ug) at 1: 2, 000.



WB Suggested Anti-PFAS Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive Control: 293T cell lysate PFAS is supported by BioGPS gene expression data to be expressed in HEK293T