

DATASHEET

FGAM synthase Rabbit Polyclonal Antibody

CAT. NO. APA16470

KEY FEATURES

Target	FGAM synthase	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

BACKGROUND

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.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

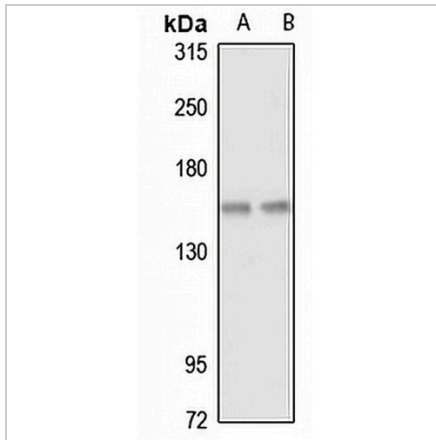
Description	Rabbit polyclonal antibody to FGAM synthase
Specificity	Recognizes endogenous levels of FGAM synthase protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human FGAM synthase. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 144 kD; Observed: 145 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	KIAA0361; Phosphoribosylformylglycinamide synthase; FGAM synthase; FGAMS; Formylglycinamide ribotide amidotransferase; FGARAT; Formylglycinamide ribotide synthetase
Gene Symbol	PFAS
Entrez Gene	5198(Human); 237823(Mouse)
SwissProt	O15067(Human); Q5SUR0(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of FGAM synthase expression in HEK293T (A), Jurkat (B) whole cell lysates. (Predicted band size: 144 kD; Observed band size: 145 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.