DATASHEET

ALAS-H Rabbit Polyclonal Antibody

CAT. NO. APA12919

KEY FEATURES

Target	ALAS-H	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	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

Catalyzes the pyridoxal 5'-phosphate (PLP)-dependent condensation of succinyl-CoA and glycine to form aminolevulinic acid (ALA), with CoA and CO2 as by-products.

APPLICATION

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

WB	1:500 - 1:1000

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to ALAS-H
Specificity	Recognizes endogenous levels of ALAS-H protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human ALAS-H
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 12; Observed: 70 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	ALAS3; ALASH; 5-aminolevulinate synthase, nonspecific mitochondrial; ALAS-H; 5-aminolevulinic acid synthase 1; Delta-ALA synthase 1; Delta-aminolevulinate synthase 1
Gene Symbol	ALAS1
Entrez Gene	211(Human)
SwissProt	P13196(Human)

*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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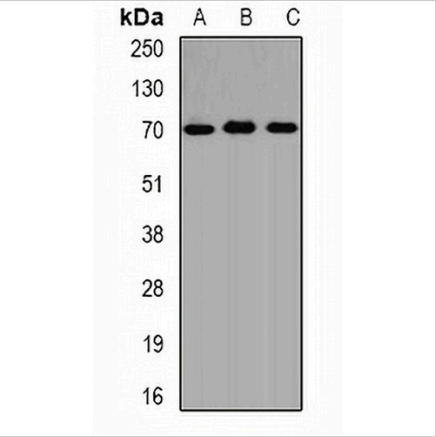
DATA



Western blot analysis of ALAS-H expression in SW620 (A), HepG2 (B), mouse liver (C) whole cell lysates. (Predicted band size: 12; 70 kD; Observed band size: 70 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.