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Datasheet for ABIN7142601  
**anti-ALAS1 antibody (AA 57-285) (Biotin)**

### Overview

Quantity:	100 µg
Target:	ALAS1
Binding Specificity:	AA 57-285
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALAS1 antibody is conjugated to Biotin
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human 5-aminolevulinate synthase, nonspecific, mitochondrial protein (57-285AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	ALAS1
Alternative Name:	ALAS1 ( <a href="#">ALAS1 Products</a> )
Background:	Background: cytoplasm, mitochondrial matrix, mitochondrion, nucleoplasm, 5-aminolevulinate

## Target Details

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synthase activity, identical protein binding, heme biosynthetic process, mitochondrion organization

Aliases: 5 aminolevulinate synthase antibody, 5 aminolevulinate synthase nonspecific mitochondrial antibody, 5 aminolevulinic acid synthase antibody, 5-aminolevulinate synthase antibody, 5-aminolevulinic acid synthase 1 antibody, Alas 1 antibody, ALAS 3 antibody, ALAS antibody, ALAS H antibody, ALAS HOUSEKEEPING TYPE antibody, ALAS N antibody, ALAS-H antibody, alaS1 antibody, ALAS3 antibody, ALASH antibody, Aminolevulinate delta synthase 1 antibody, Aminolevulinic acid synthase 1 antibody, Delta ALA synthetase antibody, Delta aminolevulinate synthase antibody, Delta-ALA synthase 1 antibody, Delta-aminolevulinate synthase 1 antibody, HEM1\_HUMAN antibody, MIG 4 antibody, MIG4 antibody, Migration inducing protein 4 antibody, mitochondrial antibody, nonspecific antibody

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UniProt: [P13196](#)

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Pathways: [Regulation of Lipid Metabolism by PPARalpha](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.