

Rabbit anti-Human ALAS1 Polyclonal Antibody | anti-ALAS1 antibody

ALAS1 antibody

CATALOG # AAA306801	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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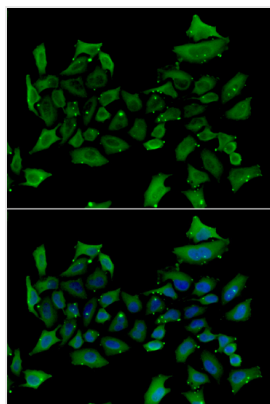
PRODUCT SYNONYMS

ALAS1; Polyclonal Antibody; ALAS1 antibody; ALAS; MIG4; ALAS3; ALASH; anti-ALAS1 antibody

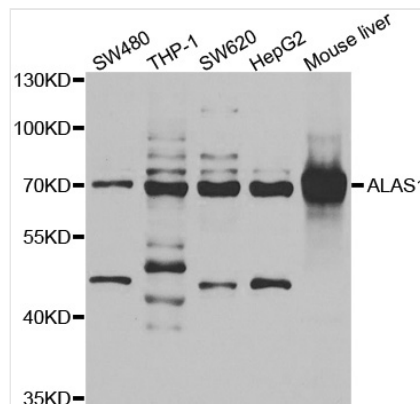
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total ALAS1 antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	640
Applicable Applications for anti-ALAS1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human ALAS1.
Target Name	ALAS1
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using ALAS1 antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ALAS1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ALAS1 antibody	This gene encodes the mitochondrial enzyme which is catalyzes the rate-limiting step in heme (iron-protoporphyrin) biosynthesis. The enzyme encoded by this gene is the housekeeping enzyme; a separate gene encodes a form of the enzyme that is specific for erythroid tissue. The level of the mature encoded protein is regulated by heme: high levels of heme down-regulate the mature enzyme in mitochondria while low heme levels up-regulate. A pseudogene of this gene is located on chromosome 12. Multiple alternatively spliced variants, encoding the same protein, have been identified.
Product Categories/Family for anti-ALAS1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502025
NCBI GeneID	211
NCBI Accession #	NP_000679.1
NCBI GenBank Nucleotide #	NM_000688.5
UniProt Accession #	P13196
Molecular Weight	12,961 Da
NCBI Official Full Name	5-aminolevulinate synthase, nonspecific, mitochondrial isoform 1
NCBI Official Synonym Full Names	5'-aminolevulinate synthase 1
NCBI Official Symbol	ALAS1
NCBI Official Synonym Symbols	ALAS; MIG4; ALAS3; ALASH; ALAS-H
NCBI Protein Information	5-aminolevulinate synthase, nonspecific, mitochondrial
UniProt Protein Name	5-aminolevulinate synthase, nonspecific, mitochondrial
UniProt Gene Name	ALAS1
UniProt Synonym Gene Names	ALAS3; ALASH; ALAS-H
UniProt Entry Name	HEM1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/alas1-antibody-immunofluorescence-western-blot-elisa/306801>