

Rabbit anti-Human ALAS2 Polyclonal Antibody | anti-ALAS2 antibody

ALAS2 antibody

CATALOG # AAA306051	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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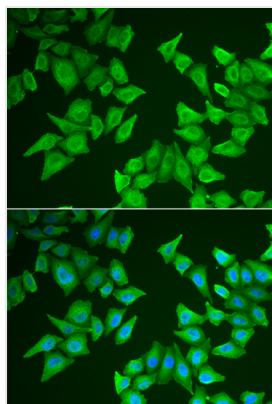
PRODUCT SYNONYMS

ALAS2; Polyclonal Antibody; ALAS2 antibody; ASB; ANH1; XLSA; ALASE; XLDPP; XLEPP; ALAS-E; anti-ALAS2 antibody

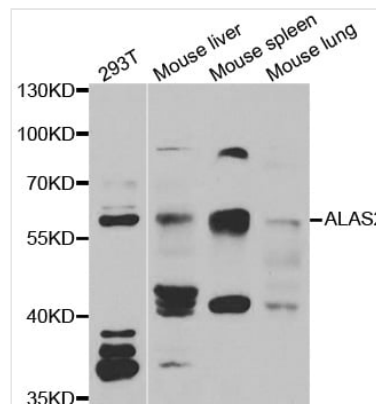
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total ALAS2 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	587
Applicable Applications for anti-ALAS2 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human ALAS2.
Target Name	ALAS2
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using ALAS2 antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ALAS2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ALAS2 antibody	The product of this gene specifies an erythroid-specific mitochondrially located enzyme. The encoded protein catalyzes the first step in the heme biosynthetic pathway. Defects in this gene cause X-linked pyridoxine-responsive sideroblastic anemia. Alternatively spliced transcript variants encoding different isoforms have been identified.
Product Categories/Family for anti-ALAS2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	83977442
NCBI GeneID	212
NCBI Accession #	NP_000023.2
NCBI GenBank Nucleotide #	NM_000032.4
UniProt Accession #	P22557; Q13735; Q5JZF5; Q8N6H3; A8K3F0; A8K6C4
Molecular Weight	63,487 Da
NCBI Official Full Name	5-aminolevulinate synthase, erythroid-specific, mitochondrial isoform a
NCBI Official Synonym Full Names	5'-aminolevulinate synthase 2
NCBI Official Symbol	ALAS2
NCBI Official Synonym Symbols	ASB; ANH1; XLSA; ALASE; XLDPP; XLEPP; ALAS-E
NCBI Protein Information	5-aminolevulinate synthase, erythroid-specific, mitochondrial
UniProt Protein Name	5-aminolevulinate synthase, erythroid-specific, mitochondrial
UniProt Gene Name	ALAS2
UniProt Synonym Gene Names	ALASE; ASB; ALAS-E
UniProt Entry Name	HEM0_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/alas2-antibody-immunofluorescence-western-blot-elisa/306051>