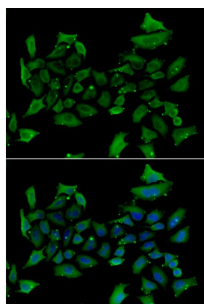


Aminolevulinate Delta Synthase 1 (ALAS1) Antibody

Catalogue No.: abx005001



Immunofluorescence analysis of HeLa cells using ALAS1 Antibody

ALAS1 Antibody is a Rabbit Polyclonal antibody against ALAS1. 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.

Target:	Aminolevulinate Delta Synthase 1 (ALAS1)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	IF/ICC
Host:	Rabbit
Recommended dilutions:	IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human ALAS1
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P13196 (UniProt , ExPASy)

Datasheet

Version: 5.0.0
Revision date: 17 Oct 2025



Gene Symbol: ALAS1

GeneID: [211](#)

NCBI Accession: NP_954635.1

KEGG: hsa:211

String: [9606.ENSP00000378416](#)

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only