

ALAS1 Rabbit Polyclonal Antibody



CAB13462

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

Refer to figures

Calculated MW:

12kDa/70kDa

Applications:

WB IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

This gene encodes the mitochondrial enzyme which 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. Alternative splicing results in multiple transcript variants encoding different isoforms.

Immunogen information

Gene ID:

211

Uniprot

P13196

Synonyms:

ALAS1; ALAS; ALAS-H; ALAS3; ALASH; MIG4

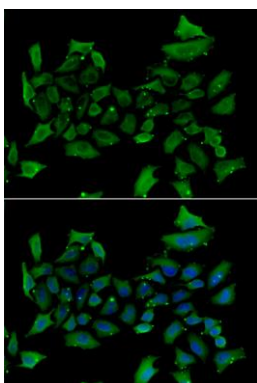
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-250 of human ALAS1 (NP_954635.1).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Immunofluorescence analysis of HeLa cells using ALAS1 antibody (CAB13462). Blue: DAPI for nuclear staining.