

Anti-ALAS1 antibody

Cat. No.	ml221560
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-ALAS1 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Fusion protein of human ALAS1
Reactivity	Human, Mouse, Rat
Content	0.1 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	ALAS1
Full name	aminolevulinate, delta-, synthase 1
Synonyms	ALAS; MIG4; ALAS3; ALASH
Swissprot	P13196

Target 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. Multiple alternatively spliced variants, encoding the same protein, have been identified.

订购热线: 4008-898-798

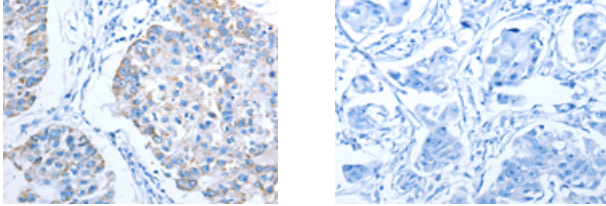
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human breast cancer

Recommended dilution: 15-50



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ml221560(ALAS1 Antibody) at dilution 1/15, on the right is treated with fusion protein. (Original magnification: $\times 200$)

ELISA

Recommended dilution: 1000-2000

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