

CAB4817

Product Information

Product SKU:	CAB4817	Gene ID:	211	Size:	20uL, 100uL
Clone No:	ARC0239	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	70kDa	Conjugate:	Unconjugated
Calculated MW:	71kDa	Isotype:	IgG

Immunogen Information

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.

Recommended Dilution: WB, 1:500 - 1:1000

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

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 541-640 of human ALAS1 (P13196).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.