

Recombinant

DGRmAb®

ALAS1 (DGR36034) Rabbit mAb (PBS Only)

db16269-PBS

Package : 100µg

Product Name : ALAS1 (DGR36034) Rabbit mAb (PBS Only)**Cat.No.:** db16269-PBS**Synonyms** : ALAS; MIG4; ALAS3; ALASH; ALAS-H**Application** : WB, IHC-P**Reactivity** : Human**Host species** : Rabbit**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. [provided by RefSeq, Jan 2015]

Immunogen

A synthetic peptide of human ALAS1

Gene ID

211

Swiss Prot

P13196

Synonyms

ALAS; MIG4; ALAS3; ALASH; ALAS-H

Reactivity

Human

Application

WB, IHC-P

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:200-1:500

Calculated MW

71 kDa

Observed MW

71 kDa

Host species

Rabbit

Clonality

Monoclonal

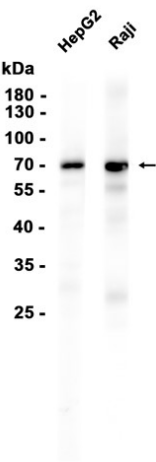
Clonality No.

DGR36034

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from HepG2, Raji cells using [db16269](#)