



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### ALAS1 recombinant monoclonal antibody

**Catalog Number:** RAB02667

**Regulatory Status:** For research use only (RUO)

**Product Description:** Rabbit recombinant monoclonal antibody raised against ALAS1.

**Immunogen:** Original antibody is raised against recombinant ALAS1.

**Theoretical MW (kDa):** 71

**Antibody Species:** Rabbit

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Specificity:** This antibody detects endogenous levels of ALAS and does not cross-react with related proteins.

**Form:** Liquid

**Purification:** Protein A purification

**Isotype:** IgG

**Recommend Usage:** Immunocytochemistry  
(1:50-1:200)

Immunofluorescence (1:50-1:200)

Western Blot (1:1000-1:5000)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS , pH7.2 (0.02% sodium azide and 50% glycerol)

**Storage Instruction:** Store at 4°C short term.  
Aliquot and store at -20°C long term.  
Avoid freeze-thaw cycles.

**Entrez GeneID:** 211

**Gene Symbol:** ALAS1

**Gene Alias:** ALAS, ALAS3, ALASH, MIG4

**Gene Summary:** Delta-aminolevulinate synthase (ALAS; EC 2.3.1.37) catalyzes the condensation of glycine with succinyl-CoA to form delta-aminolevulinic acid. This nuclear-encoded mitochondrial enzyme is the first and rate-limiting enzyme in the mammalian heme biosynthetic pathway. There are 2 tissue-specific isozymes: a housekeeping enzyme encoded by the ALAS1 gene and an erythroid tissue-specific enzyme encoded by ALAS2 (MIM 301300).[supplied by OMIM]