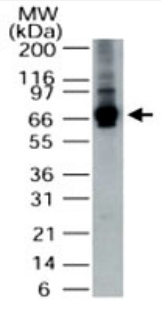
ALAS1 polyclonal antibody

Catalog # PAB0349 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of ALAS1 in HepG2 cell lysate. Using ALAS1 polyclonal antibody (Cat # PAB0349) at 1 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ALAS1.
Immunogen	A synthetic peptide corresponding to amino acids 480-530 of human ALAS1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In buffer containing 0.05% sodium azide, 0.2% gelatin
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of ALAS1 in HepG2 cell lysate. Using ALAS1 polyclonal antibody (Cat # PAB0349) at 1 ug/mL .

Gene Info — ALAS1

Entrez GeneID	211
Protein Accession#	P13196
Gene Name	ALAS1
Gene Alias	ALAS, ALAS3, ALASH, MIG4
Gene Description	aminolevulinate, delta-, synthase 1
Omim ID	125290
Gene Ontology	Hyperlink
Gene Summary	Delta-aminolevulinate synthase (ALAS; EC 2.3.1.37) catalyzes the condensation of glycine with s uccinyl-CoA to form delta-aminolevulinic acid. This nuclear-encoded mitochondrial enzyme is the f irst and rate-limiting enzyme in the mammalian heme biosynthetic pathway. There are 2 tissue-sp ecific isozymes: a housekeeping enzyme encoded by the ALAS1 gene and an erythroid tissue-sp ecific enzyme encoded by ALAS2 (MIM 301300).[supplied by OMIM
Other Designations	aminolevulinate, delta, synthase 1|migration-inducing protein 4

Pathway

- Glycine
- Metabolic pathways
- Porphyrin and chlorophyll metabolism

Disease

- Cardiovascular Diseases

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Diabetes Mellitus
- Edema

Copyright © 2023 Abnova Corporation. All Rights Reserved.