

Product Name: KD-Validated ALAS2 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01222**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000
Molecular Weight	Calculated MW: 64.6kDa

Antigen Information

Gene Name	ALAS2
Alternative Names	ALAS2; 5'-Aminolevulinate Synthase 2; ALAS-E; ASB; 5-Aminolevulinate Synthase, Erythroid-Specific, Mitochondrial; Erythroid-Specific Delta-Aminolevulinate Synthase; Aminolevulinate, Delta-, Synthase 2; 5-Aminolevulinic Acid Synthase 2; Delta-Aminolevulinate Synthase 2; Delta-ALA Synthase 2; EC 2.3.1.37; ALASE; Aminolevulinate, Delta-, Synthase 2 (Sideroblastic/Hypochromic Anemia); Sideroblastic/Hypochromic Anemia; Delta-ALA Synthetase; SIDBA1; XLDPP; XLEPP; ANH1; XLSA
Gene ID	212.0
SwissProt ID	P22557
Immunogen	A synthesized peptide derived from human ALAS2

Background

The product of this gene specifies an erythroid-specific mitochondrially located enzyme. The encoded protein catalyzes the first step in the heme biosynthetic pathway. Defects in this gene cause X-linked pyridoxine-responsive sideroblastic anemia. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

Research Area

Cardiovascular,Signal Transduction,Cancer,Metabolism

Image Data

