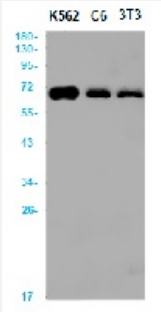
RecomAb™

ALAS2 recombinant monoclonal antibody, clone R06-3A3

Catalog # RAB01622 Size 100 uL

Applications



Western Blot

Western blot analysis of ALAS2 in K562, C6, 3T3 lysates using human ALAS2 recombinant monoclonal antibody, clone R06-3A3 (Cat # RAB01622).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic peptide of human ALAS2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human ALAS2
Theoretical MW (kDa)	Calculated MW: 65 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunoprecipitation(1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction	Store at 4°C for short term. 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.

Applications

- Western Blot

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- Immunoprecipitation

Gene Info — ALAS2

Entrez GeneID	212
Protein Accession#	P22557
Gene Name	ALAS2
Gene Alias	ALAS-E, ALASE, ANH1, ASB, FLJ93603, XLSA
Gene Description	aminolevulinate, delta-, synthase 2
Omim ID	301300
Gene Ontology	Hyperlink
Gene Summary	The product of this gene specifies an erythroid-specific mitochondrially located enzyme. The enco ded 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 enc oding different isoforms have been identified. [provided by RefSeq
Other Designations	5-aminolevulinate synthase, erythroid-specific, mitochondrial|5-aminolevulinic acid synthase|OTT HUMP00000023388|OTTHUMP00000023389|delta-ALA synthetase|delta-aminolevulinate synth ase

Pathway

- Glycine

- Metabolic pathways
- Porphyrin and chlorophyll metabolism