

Anti-Alas1/Alas H Rabbit Monoclonal Antibody

Catalog # ABO13645

Product Information

Application	WB, IF, ICC
Primary Accession	P13196
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-Alas1/Alas H Rabbit Monoclonal Antibody . Tested in WB, ICC/IF applications. This antibody reacts with Human.

Additional Information

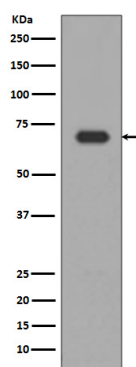
Gene ID	211
Other Names	5-aminolevulinate synthase, non-specific, mitochondrial, ALAS-H, 2.3.1.37, 5-aminolevulinic acid synthase 1, Delta-ALA synthase 1, Delta-aminolevulinate synthase 1, ALAS1, ALAS3, ALASH
Calculated MW	70581
Application Details	WB 1:500-1:2000 ICC/IF 1:50-1:200
Subcellular Localization	Mitochondrion matrix.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: EOA-1
Immunogen	A synthesized peptide derived from human Alas1
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	ALAS1
Synonyms	ALAS3, ALASH

Function	Catalyzes the pyridoxal 5'-phosphate (PLP)-dependent condensation of succinyl-CoA and glycine to form aminolevulinic acid (ALA), with CoA and CO ₂ as by-products.
Cellular Location	Mitochondrion inner membrane {ECO:0000250 UniProtKB:P22557}; Peripheral membrane protein {ECO:0000250 UniProtKB:P22557}. Note=Localizes to the matrix side of the mitochondrion inner membrane. {ECO:0000250 UniProtKB:P22557}

Images



Western blot analysis of Alas1 expression in HepG2 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.