

ALAS2 Rabbit mAb

Catalog # AP75047

Product Information

Application	WB, IP
Primary Accession	P22557
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	64633

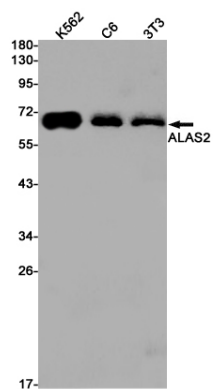
Additional Information

Gene ID	212
Other Names	ALAS2
Dilution	WB~~1/500-1/1000 IP~~N/A
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	ALAS2 {ECO:0000303 PubMed:34492704, ECO:0000312 HGNC:HGNC:397}
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 (PubMed: 14643893 , PubMed: 21252495 , PubMed: 21309041 , PubMed: 21653323 , PubMed: 32499479 , PubMed: 34492704). Contributes significantly to heme formation during erythropoiesis (PubMed: 2050125).
Cellular Location	Mitochondrion inner membrane; Peripheral membrane protein. Note=Localizes to the matrix side of the mitochondrion inner membrane.
Tissue Location	[Isoform 1]: Erythroid-specific. [Isoform 3]: Erythroid-specific.

Images



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