

ALAS2 Rabbit mAb
Catalog # AP75047**Specification**

ALAS2 Rabbit mAb - Product Information

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

ALAS2 Rabbit mAb - 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.**ALAS2 Rabbit mAb - 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 CO₂ 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.

ALAS2 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ALAS2 Rabbit mAb - Images