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# ALAS2 Polyclonal Antibody

**Cat #:** G-AB-11147

**Host:** Rabbit **Reactivity:** Human, Mouse, Rat

**Isotype:** IgG **Clonality:**

**Overview:**
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.

**Gene ID:** 212

**Accession #:**

**Immunogen:** Recombinant fusion protein of human ALAS2 (NP_001033057.1).

**Conjugation:** Unconjugated

**Swissprot:** P22557

**Calculated Molecular Weight:**

**Observed Molecular Weight:**

**Concentration:** 1 mg/mL

**Buffer:** PBS with 0.02% sodium azide, 50% glycerol, pH7.3

**Purification Method:** Affinity purification

**Application:** IF

**Dilution:** IF 1:10-1:100

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.