

Product datasheet for **TA349459S**

ALAS2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: 293T and Jurkat cells
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human ALAS2
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	64 kDa
Gene Name:	5'-aminolevulinate synthase 2
Database Link:	NP_001033056 Entrez Gene 11656 Mouse Entrez Gene 25748 Rat Entrez Gene 212 Human P22557
Background:	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.
Synonyms:	ALAS-E; ALASE; ANH1; ASB; SIDBA1; XLDPP; XLEPP; XLSA
Protein Families:	Druggable Genome
Protein Pathways:	Glycine, serine and threonine metabolism, Metabolic pathways, Porphyrin and chlorophyll metabolism



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Product images:



Gel: 10%SDS-PAGE
Lysate: 40 µg
Lane 1-2: 293T cells
Jurkat cells
Primary antibody: [TA349459] (ALAS2 Antibody)
at dilution 1/1000
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution
Exposure time: 1 minute