

Datasheet for ABIN631026 **anti-ALAS2 antibody (C-Term)**



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1 Image

Overview

Quantity:	100 µL
Target:	ALAS2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALAS2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	ALAS2 antibody was raised using the C terminal of ALAS2 corresponding to a region with amino acids VRLKGEEGQALRRRAHQNRNVKHMQRLLMDRGLPVIPCPSHIPIRVGNAA
Specificity:	ALAS2 antibody was raised against the C terminal of ALAS2
Purification:	Affinity purified

Target Details

Target:	ALAS2
Alternative Name:	ALAS2 (ALAS2 Products)
Background:	ALAS2 specifies an erythroid-specific mitochondrially located enzyme. It catalyzes the first step in the heme biosynthetic pathway. Defects in this gene cause X-linked pyridoxine-responsive sideroblastic anemia.

Target Details

Molecular Weight:	60 kDa (MW of target protein)
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	ALAS2 Blocking Peptide, catalog no. 33R-9777, is also available for use as a blocking control in assays to test for specificity of this ALAS2 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of ALAS2 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



Western Blotting

Image 1. ALAS2 antibody used at 1 µg/ml to detect target protein.