9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-ALAS1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1174

Product Overview

Name	KD-Validated Anti-ALAS1 Rabbit Monoclonal Antibody
Accession(Primary)	P13196
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Alas1
Species Reactivity	Human, Rat
Calculated MW	Predicted, 71 kDa , observed, 71 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000

Target information (P13196)

Gene Name	ALAS1
About Gene Symbol	ALAS1 (5'-Aminolevulinate Synthase 1) is a biosynthetic enzyme involved in cell migration and invasion. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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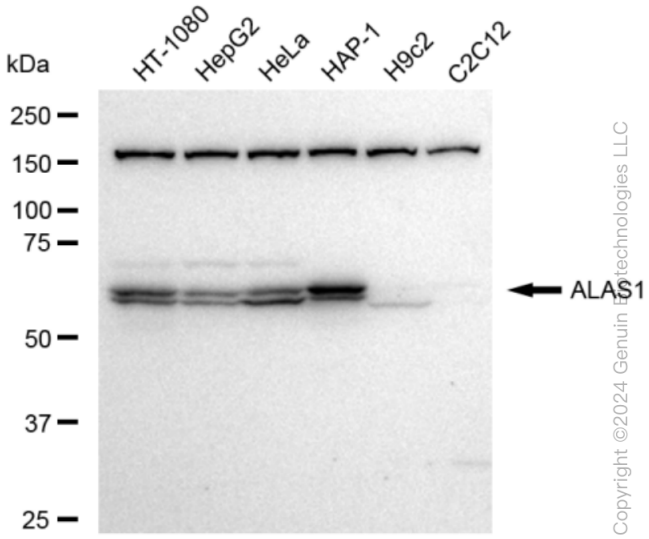

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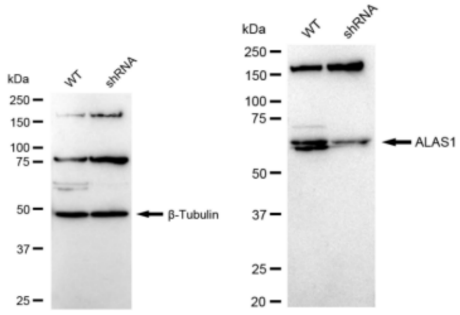
Western blotting analysis using anti-ALAS1 antibody (Cat#ABG1174). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ALAS1 antibody (Cat#ABG1174, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-ALAS1 antibody (Cat#ABG1174). ALAS1 expression in wild type (WT) and ALAS1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-ALAS1 antibody (Cat#ABG1174, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.