

DATASHEET

ALDH5A1 Rabbit Polyclonal Antibody

CAT. NO. APA15045

KEY FEATURES

Target	ALDH5A1	Source / Host	Rabbit
Reactivity	Human	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Catalyzes one step in the degradation of the inhibitory neurotransmitter gamma-aminobutyric acid (GABA).

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

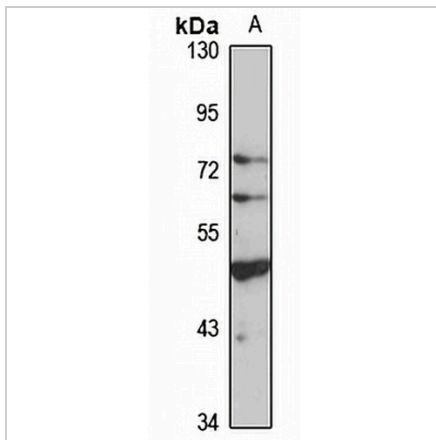
Description	Rabbit polyclonal antibody to ALDH5A1
Specificity	Recognizes endogenous levels of ALDH5A1 protein
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide of human ALDH5A1. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 57 kD; Observed: 57 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	SSADH; Succinate-semialdehyde dehydrogenase mitochondrial; Aldehyde dehydrogenase family 5 member A1; NAD(+)-dependent succinic semialdehyde dehydrogenase
Gene Symbol	ALDH5A1
Entrez Gene	7915(Human); 214579(Mouse)
SwissProt	P51649(Human); Q8BWF0(Mouse); P51650(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of ALDH5A1 expression in rat brain (A) whole cell lysates. (Predicted band size: 57 kD; Observed band size: 57 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.