

Datasheet for ABIN360205
anti-ALDH9A1 antibody (C-Term)

2 Images

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Overview

Quantity:	0.4 mL
Target:	ALDH9A1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALDH9A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human ALDH9A1.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to ALDH9A1.
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

Target Details

Target:	ALDH9A1
Alternative Name:	ALDH9A1 / ALDH9 (ALDH9A1 Products)

Target Details

Background: ALDH9A1 belongs to the aldehyde dehydrogenase family of proteins. The protein has a high activity for oxidation of gamma-aminobutyraldehyde and other amino aldehydes. The enzyme catalyzes the dehydrogenation of gamma-aminobutyraldehyde to gamma-aminobutyric acid (GABA). This isozyme is a tetramer of identical 54-kD subunits. Synonyms: 4-trimethylaminobutyraldehyde dehydrogenase, Aldehyde dehydrogenase E3 isozyme, Aldehyde dehydrogenase family 9 member A1, Gamma-aminobutyraldehyde dehydrogenase, R-aminobutyraldehyde dehydrogenase, TMABADH

Gene ID: 223, 9606

UniProt: [P49189](#)

Application Details

Application Notes: ELISA: 1/1,000. Western blotting: 1/50 - 1/100. Immunohistochemistry: 1/10 - 1/50.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

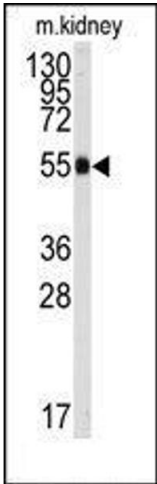


Image 1.

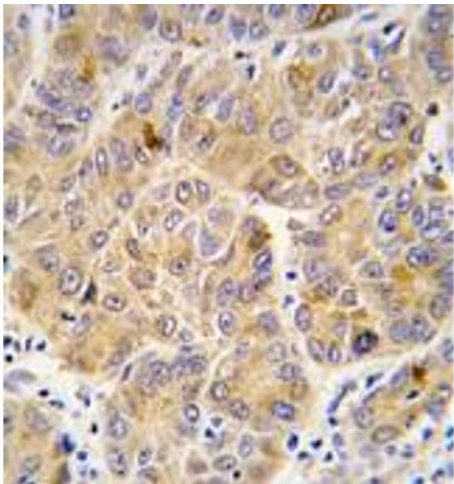


Image 2.