

A18098

Leader in Biomolecular Solutions for Life Science



[KO Validated] ALDH9A1 Rabbit pAb

Catalog No.: A18098 **KO** Validated

Basic Information

Observed MW

54kDa

Calculated MW

54kDa

Category

Mouse Monoclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

This protein belongs to the aldehyde dehydrogenase family of proteins. It 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.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

223

Swiss Prot

P49189

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-180 of human ALDH9A1 (NP_000687.3).

Synonyms

E3; ALDH4; ALDH7; ALDH9; TMABADH; TMABA-DH; TMABALDH; A1

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

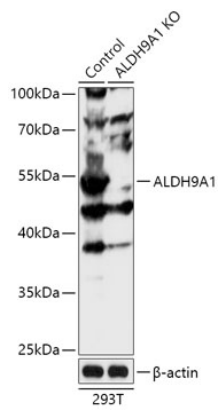
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from wild type (WT) and ALDH9A1 knockout (KO) 293T cells, using [KO Validated] ALDH9A1 Rabbit pAb (A18098) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5s.