

# [KO Validated] ALDH9A1 Rabbit Polyclonal Antibody

CAB18098



## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

54kDa

### Calculated MW:

46kDa/53kDa

### Applications:

WB IHC

### Reactivity:

Human, Mouse, Rat

## Protein 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.

## Immunogen information

### Gene ID:

223

### Uniprot

P49189

### Synonyms:

ALDH9A1; ALDH4; ALDH7; ALDH9; E3; TMABADH

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:100

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

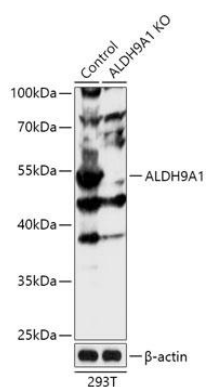
A synthetic peptide of human ALDH9A1

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts from normal (control) and ALDH9A1 knockout (KO) 293T cells, using ALDH9A1 antibody (CAB18098) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 5s.