

A19899

Leader in Biomolecular Solutions for Life Science



## [KO Validated] ALDH3A2 Rabbit pAb

Catalog No.: A19899 **KO** Validated

### Basic Information

#### Observed MW

50kDa

#### Calculated MW

55kDa

#### Category

Polyclonal Antibody

#### Applications

WB, ELISA

#### Cross-Reactivity

Human, Mouse, Rat

### Background

Aldehyde dehydrogenase isozymes are thought to play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. This gene product catalyzes the oxidation of long-chain aliphatic aldehydes to fatty acid. Mutations in the gene cause Sjogren-Larsson syndrome. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

### Recommended Dilutions

WB 1:500 - 1:2000

### Immunogen Information

#### Gene ID

224

#### Swiss Prot

P51648

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 250-320 of human ALDH3A2 (NP\_001026976.1).

#### Synonyms

SLS; FALDH; ALDH10; A2

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

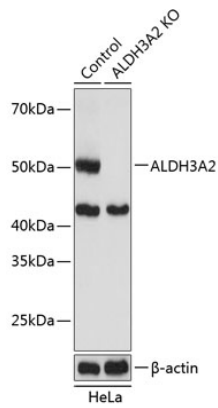
Affinity purification

#### Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

## Validation Data



Western blot analysis of lysates from wild type (WT) and ALDH3A2 knockout (KO) HeLa cells, using [KO Validated] ALDH3A2 Rabbit pAb (A19899) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 1s.