

A3482

Leader in Biomolecular Solutions for Life Science



ALDH8A1 Rabbit pAb

Catalog No.: A3482

Basic Information

Observed MW

63kDa

Calculated MW

53kDa

Category

Polyclonal Antibody

Applications

WB

Cross-Reactivity

Human, Mouse

Background

This gene encodes a member of the aldehyde dehydrogenase family of proteins. The encoded protein has been implicated in the synthesis of 9-cis-retinoic acid and in the breakdown of the amino acid tryptophan. This enzyme converts 9-cis-retinal into the retinoid X receptor ligand 9-cis-retinoic acid, and has approximately 40-fold higher activity with 9-cis-retinal than with all-trans-retinal. In addition, this enzyme has been shown to catalyze the conversion of 2-aminomuconic semialdehyde to 2-aminomuconate in the kynurenine pathway of tryptophan catabolism.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

64577

Swiss Prot

Q9H2A2

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

ALDH12; DJ352A20.2; ALDH8A1

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

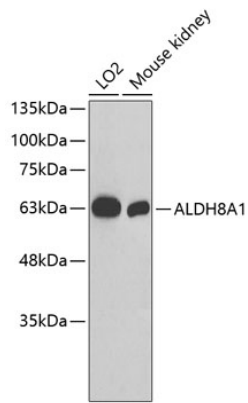
Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, pH 7.3.

Validation Data



Western blot analysis of various lysates using ALDH8A1 Rabbit pAb (A3482).

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.