

ALDH1L1

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 99kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human ALDH1L1

Storage Buffer:

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

Synonym:

FDH; FTHFD; 10-fTHF; 10-FTHFDH;

Catalog #: A7067

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 10840

Isotype: IgG

Swiss Prot: O75891

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene catalyzes the conversion of 10-formyltetrahydrofolate, nicotinamide adenine dinucleotide phosphate (NADP+), and water to tetrahydrofolate, NADPH, and carbon dioxide. The encoded protein belongs to the aldehyde dehydrogenase family. Loss of function or expression of this gene is associated with decreased apoptosis, increased cell motility, and cancer progression. There is an antisense transcript that overlaps on the opposite strand with this gene locus. Alternative splicing results in multiple transcript variants.

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