

## 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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