







## ALDH1L1 (DGR15185) Rabbit mAb

db11799 Package : 10μL 20μL 50μL 100μL

Product Name: ALDH1L1 (DGR15185) Rabbit mAb

Cat.No.: db11799

Synonyms: FDH; FTHFD; 10-fTHF; 10-FTHFDH

Application: WB, IHC-P

Reactivity: Human, Mouse, Rat

Host species: Rabbit

**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. [provided by RefSeq, Jun

2012]

Immunogen A synthetic peptide of human ALDH1L1

**Gene ID** 10840

Swiss Prot 075891

**Synonyms** FDH; FTHFD; 10-FTHFDH

Reactivity Human, Mouse, Rat

**Application** WB, IHC-P

Recommended dilution WB: 1:1000-1:5000

IHC-P: 1:50-1:100

Calculated MW 99 kDa

**Observed MW** 99 kDa

Host species Rabbit

**Clonality** Monoclonal

Clonality No. DGR15185

**Isotype** IgG





Purity

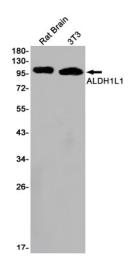
Affinity Purification

Conjugation

Un-conjugated

**Storage Stability** 

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of ALDH1L1 in Rat Brain,3T3 cell lysates using ALDH1L1 antibody(1:1000 diluted).

## Mouse brain

250KD— 150KD— 100KD— 70KD— 50KD— 40KD— 35KD—

25KD-

Western blot analysis of extracts from Mouse brain tissue using db11799 at 1:4000.