

## Anti-ALDH1L1(Aldehyde dehydrogenase 1 family member L1) polyclonal Antibody

Cat. #: 60B643

### Description:

ALDH1L1(Aldehyde dehydrogenase 1 family member L1) catalyzes the conversion of 10-formyltetrahydrofolate, NADP, and water to tetrahydrofolate, NADPH, and carbon dioxide. ALDH1L1 belongs to the aldehyde dehydrogenase family and is responsible for formate oxidation in vivo. Deficiencies in this gene can result in an accumulation of formate and subsequent methanol poisoning. ALDH1L1 is located in cytoplasmic region and contains 1 acyl carrier domain.

### Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to C-terminal residues of mouse ALDH1L1(Aldehyde dehydrogenase 1 family member L1)

### References

Bonaldo,M.F., et al, Genome Res. 6 (9), 791-806 (1996)  
Oleinik,N.V. et al, Mol. Cancer Res. 1 (8), 577-588 (2003)  
Krupenko,S.A. et al, Cell Growth Differ. 13 (5), 227-236 (2002)  
Hong,M., et al, Biochem. Mol. Biol. Int. 47 (3), 407-415 (1999)  
Suzuki,Y., et al, Gene 200 (1-2), 149-156 (1997)  
Champion,K.M., et al, Proc. Natl. Acad. Sci. U.S.A. 91 (24), 11338-11342 (1994)  
Johlin,F.C., et al, Mol. Pharmacol. 35 (6), 745-750 (1989)

Species: mouse

Storage and Stability: at -20oC

### Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

### Preparation:

Purified by antigen-specific affinity chromatography.

### Applications :

ELISA

Western Blotting (1µg/ml for 2hrs)