

ALDH4A1 polyclonal antibody

Catalog: BS31130

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Delta-1-pyrroline-5-carboxylate dehydrogenase, mitochondrial: Irreversible conversion of delta-1-pyrroline-5-carboxylate (P5C), derived either from proline or ornithine, to glutamate. This is a necessary step in the pathway interconnecting the urea and tricarboxylic acid cycles. The preferred substrate is glutamic gamma-semialdehyde, other substrates include succinic, glutaric and adipic semialdehydes

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~61.7 kDa

Swiss-Prot:

P30038

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/2000), IHC (1/50 - 1/200), IF/ICC (1/50 - 1/200)

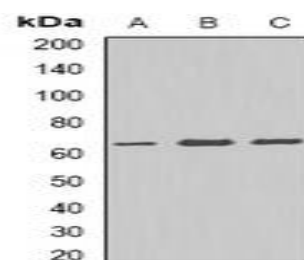
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

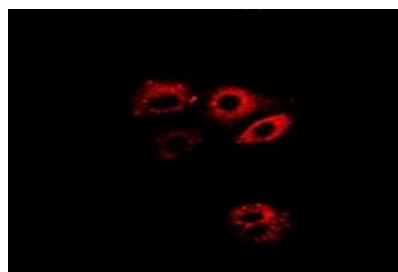
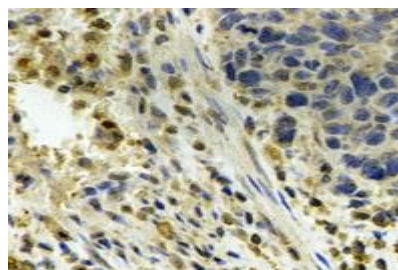
Specificity:

Recognizes endogenous levels of ALDH4A1 protein.

DATA:



Western blot analysis of NCAM2 expression in SKOV3 (A), LOVO (B), BV2 (C), H9C2 (D) whole cell lysates.



Note:

For research use only, not for use in diagnostic procedure.

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