

Product Name: ALDH7A1 (14K11) Rabbit Monoclonal Antibody
Catalog #: AMRe06766



Summary

Production Name	ALDH7A1 (14K11) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	ALDH7A1
Alternative Names	ALDH7A1; Antiquitin; ATQ1; Betaine aldehyde dehydrogenase; EPD; PDE;
Gene ID	501.0
SwissProt ID	P49419.

Application

Dilution Ratio	WB 1:500-1:2000
Molecular Weight	58kDa

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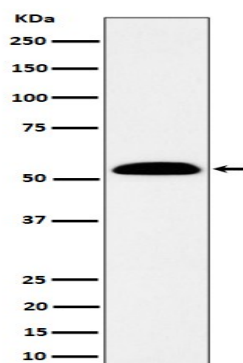
Background

Multifunctional enzyme mediating important protective effects. Metabolizes betaine aldehyde to betaine, an important cellular osmolyte and methyl donor. Protects cells from oxidative stress by metabolizing a number of lipid peroxidation-derived aldehydes. Involved in lysine catabolism. Multifunctional enzyme mediating important protective effects.

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Research Area

Image Data



Western blot analysis of ALDH7A1 expression in SW480 cell lysate.

Note

For research use only.