

## ALDH7A1 Rabbit mAb

Catalog No: #57060

Package Size: #57060-1 50ul #57060-2 100ul

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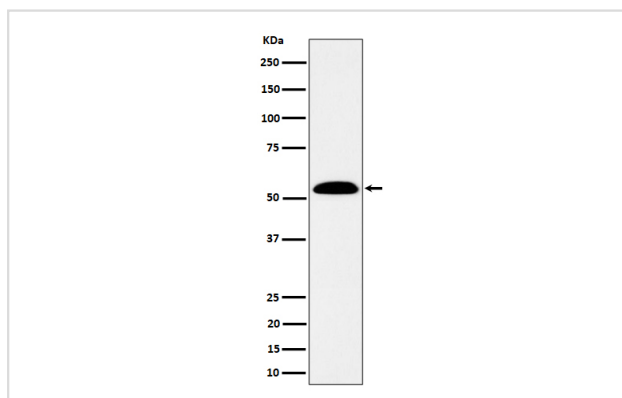
## Description

Product Name	ALDH7A1 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC
Species Reactivity	Human
Specificity	ALDH7A1 Antibody detects endogenous levels of total ALDH7A1
Immunogen Description	A synthesized peptide derived from human ALDH7A1
Other Names	ALDH7A1; Antiquitin; ATQ1; Betaine aldehyde dehydrogenase; EPD; PDE;
Accession No.	Uniprot:P49419
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Calculated MW	55kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4Λ C short term. Store at -20Λ C long term. Avoid freeze / thaw cycle.

## Application Details

WB: 1:500~1:2000 IHC: 1:50~1:200

## Images



Western blot analysis of ALDH7A1 expression in SW480 cell lysate.

## Product Description

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.

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Note: This product is for in vitro research use only