

ALDH7A1 Rabbit mAb
Catalog # AP75050**Specification**

ALDH7A1 Rabbit mAb - Product Information

Application	WB, IP, ICC
Primary Accession	P49419
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	58487

ALDH7A1 Rabbit mAb - Additional Information**Gene ID** 501**Other Names**
ALDH7A1**Dilution**
WB~~1/500-1/1000
IP~~1/20
ICC~~N/A**Format**
50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.**Storage**
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**ALDH7A1 Rabbit mAb - Protein Information****Name** ALDH7A1 ([HGNC:877](#))**Synonyms** ATQ1**Function**
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.**Cellular Location**
[Isoform 2]: Cytoplasm, cytosol. Nucleus**Tissue Location**
Abundant in hepatoma cells and fetal cochlea, ovary, eye, heart, adrenal gland, liver and kidney. Low levels present in adult peripheral blood leukocytes and fetal brain, thymus, spleen, skeletal muscle, lung and tongue.

ALDH7A1 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ALDH7A1 Rabbit mAb - Images



