

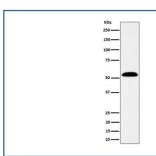
# Aldehyde dehydrogenase 7A1 Antibody / ALDH7A1 [clone 28A63] (RQ8510)

Catalog No.	Formulation	Size
RQ8510	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

### Recombinant RABBIT MONOCLONAL

#### **Bulk quote request**

Availability	1-3 days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	28A63
Purity	Affinity chromatography
UniProt	P49419
Applications	Western Blot : 1:500-1:2000
Limitations	This Aldehyde dehydrogenase 7A1 antibody is available for research use only.



Western blot testing of human SW480 cell lysate with Aldehyde dehydrogenase 7A1 antibody. Predicted molecular weight ~58 kDa.

#### **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. [UniProt]

## **Application Notes**

Optimal dilution of the Aldehyde dehydrogenase 7A1 antibody should be determined by the researcher.

### **Immunogen**

A synthetic peptide from human Aldehyde dehydrogenase 7A1 protein was used as the immunogen for the Aldehyde dehydrogenase 7A1 antibody.

### **Storage**

Store the Aldehyde dehydrogenase 7A1 antibody at -20oC.