

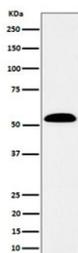
Aldehyde dehydrogenase 7A1 Antibody / ALDH7A1 [clone 28A63] (RQ8510)

| 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 |
| Host | Rabbit |
| 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.