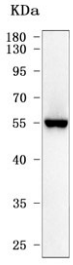
# ALDH1A2 Antibody / Retinal dehydrogenase 2 (RQ8177)

| Catalog No. | Formulation | Size |
|---|---|---|
| RQ8177 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity purified |
| **Buffer** | Lyophilized from 1X PBS with 2% Trehalose |
| **UniProt** | O94788 |
| **Applications** | Western blot: 0.5-1ug/ml<br>Direct ELISA: 0.1-0.5ug/ml |
| **Limitations** | This ALDH1A2 antibody is available for research use only. |




Western blot testing of human K562 cell lysate with ALDH1A2 antibody. Predicted molecular weight ~56 kDa.

## Description

Aldehyde dehydrogenase 1 family, member A2, also known as ALDH1A2 or retinaldehyde dehydrogenase 2 (RALDH2), is an enzyme that in humans is encoded by the ALDH1A2 gene. This protein belongs to the aldehyde dehydrogenase family of proteins. The product of this gene is an enzyme that catalyzes the synthesis of retinoic acid (RA) from retinaldehyde.

## Application Notes

Optimal dilution of the ALDH1A2 antibody should be determined by the researcher.

## Immunogen

E. coli-derived recombinant human protein (amino acids M1-Q318) was used as the immunogen for the ALDH1A2 antibody.

## Storage

After reconstitution, the ALDH1A2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.


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