

Product datasheet

Anti-ALDH1A1 antibody ab89431

★ ★ ★ ★ ★ 1 Abreviews 2 Images

Overview

Product name	Anti-ALDH1A1 antibody
Description	Mouse polyclonal to ALDH1A1
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Full length human ALDH1A1 protein (NP_000680.2).
Positive control	Human liver lysate; ALDH1A1 transfected 293T cell lysate

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: 1X PBS, pH 7.2
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab89431** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 55 kDa.

Target

Function	Binds free retinal and cellular retinol-binding protein-bound retinal. Can convert/oxidize
-----------------	--

retinaldehyde to retinoic acid.

Pathway

Cofactor metabolism; retinol metabolism.

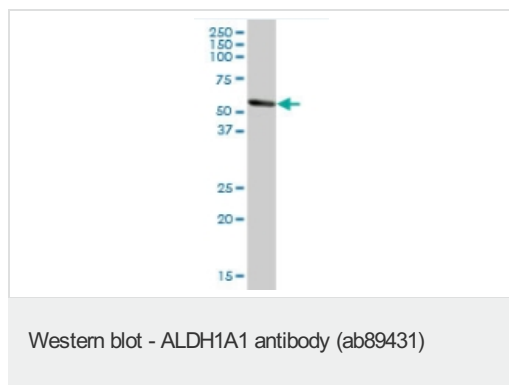
Sequence similarities

Belongs to the aldehyde dehydrogenase family.

Cellular localization

Cytoplasm.

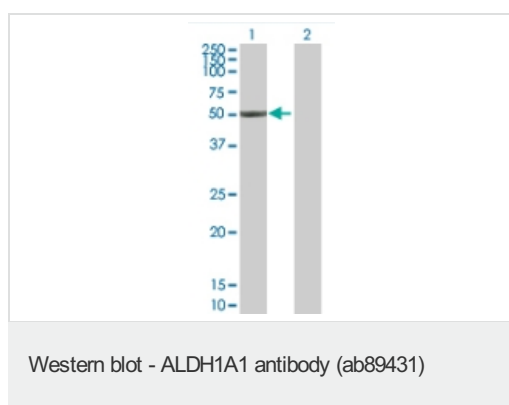
Images



Anti-ALDH1A1 antibody (ab89431) at 1 μ g/ml
+ human liver lysate at 50 μ g

Predicted band size : 55 kDa

Observed band size : 55 kDa



All lanes : Anti-ALDH1A1 antibody
(ab89431) at 1 μ g/ml

Lane 1 : ALDH1A1 transfected 293T cell
lysate

Lane 2 : Non transfected 293T cell lysate

Lysates/proteins at 25 μ g per lane.

Predicted band size : 55 kDa

Observed band size : 50 kDa

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors