

Product datasheet

Anti-ALDH2 antibody ab115198

3 Images

Overview

<b>Product name</b>	Anti-ALDH2 antibody
<b>Description</b>	Rabbit polyclonal to ALDH2
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, ELISA, IHC-P, Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide conjugated to KLH, corresponding to amino acids from the N terminal region of ALDH2.
<b>Positive control</b>	Human Liver tissue; 293 cell lysate, transiently transfected with the ALDH2 gene.

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
<b>Storage buffer</b>	Preservative: 0.09% Sodium azide Constituent: 99% PBS
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab115198** in the following tested applications.

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

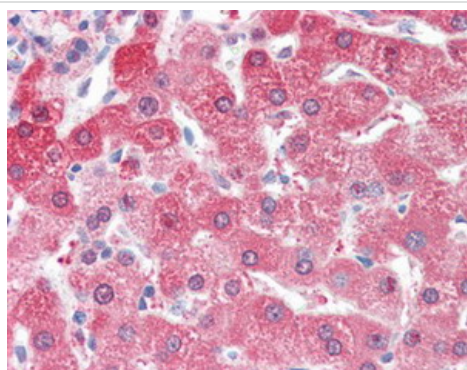
Application	Abreviews	Notes
WB		1/50 - 1/100. Predicted molecular weight: 56 kDa.
ELISA		1/1000.

Application	Abreviews	Notes
IHC-P		Use a concentration of 10 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
Flow Cyt		Use at an assay dependent concentration. <a href="#">ab171870</a> -Rabbit polyclonal IgG, is suitable for use as an isotype control with this antibody.

## Target

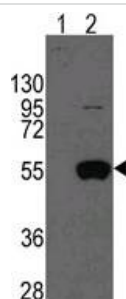
<b>Pathway</b>	Alcohol metabolism; ethanol degradation; acetate from ethanol: step 2/2.
<b>Sequence similarities</b>	Belongs to the aldehyde dehydrogenase family.
<b>Cellular localization</b>	Mitochondrion matrix.

## Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ALDH2 antibody (ab115198)

ab115198 at 10 µg/ml staining ALDH2  
Formalin-fixed, Paraffin-embedded Human Liver tissue by Immunohistochemistry followed by biotinylated secondary antibody, alkaline phosphatase-streptavidin and chromogen.



Western blot - Anti-ALDH2 antibody (ab115198)

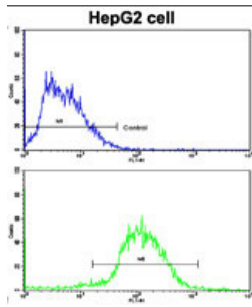
**All lanes :** Anti-ALDH2 antibody (ab115198) at 1/50 dilution

**Lane 1 :** 293 cell lysate, non-transfected

**Lane 2 :** 293 cell lysate, transiently transfected with ALDH2 gene

Lysates/proteins at 2 µg per lane.

**Predicted band size:** 56 kDa



Flow Cytometry - Anti-ALDH2 antibody (ab115198)

Flow cytometric analysis of HepG2 cells, staining ALDH2 with ab115198 (bottom histogram), compared to a negative control cell (top histogram). A FITC-conjugated goat-anti-rabbit IgG was used as the secondary antibody.

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