


# Anti-ALDH1A2 antibody ab75674

★★★★★ 8 Abreviews 12 References 画像数 2

### 製品の概要

製品名	Anti-ALDH1A2 antibody
製品の詳細	Rabbit polyclonal to ALDH1A2
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat, Chicken, Cow, Dog, Monkey 
免疫原	Synthetic peptide corresponding to Human ALDH1A2 aa 450 to the C-terminus conjugated to keyhole limpet haemocyanin. (Peptide available as <a href="#">ab101078</a> )
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS  Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル

## アプリケーション

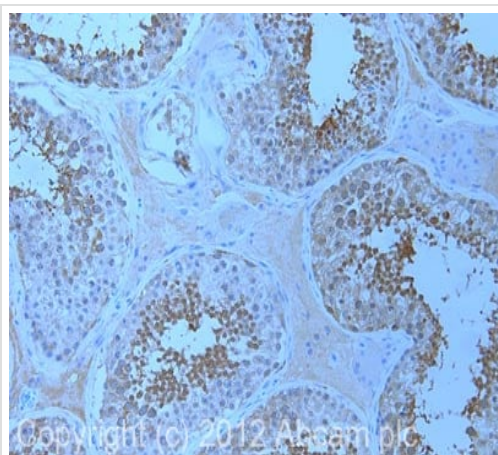
**The Abpromise guarantee** Abpromise保証は、 次のテスト済みアプリケーションにおけるab75674の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (7)	Use a concentration of 1 µg/ml. Detects a band of approximately 56 kDa (predicted molecular weight: 56 kDa).
IHC-P		Use a concentration of 1 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

## ターゲット情報

機能	Recognizes as substrates free retinal and cellular retinol-binding protein-bound retinal. Does metabolize octanal and decanal but does not metabolize citral, benzaldehyde, acetaldehyde and propanal efficiently.
パスウェイ	Cofactor metabolism; retinol metabolism.
配列類似性	Belongs to the aldehyde dehydrogenase family.
細胞内局在	Cytoplasm.

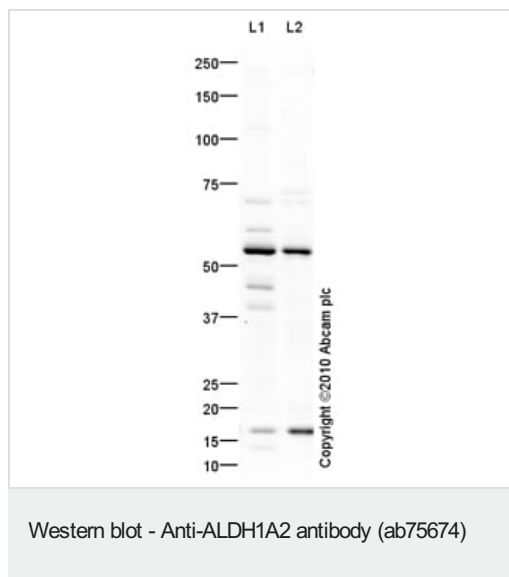
## 画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ALDH1A2 antibody (ab75674)

IHC image of ab75674 staining in human testis formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab75674, 1µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.



**All lanes :** Anti-ALDH1A2 antibody (ab75674) at 1 µg/ml

**Lane 1 :** Human liver tissue lysate - total protein ([ab29889](#))

**Lane 2 :** Human brain tissue lysate - total protein ([ab29466](#))

Lysates/proteins at 10 µg per lane.

#### Secondary

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) preadsorbed ([ab97080](#)) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 56 kDa

**Observed band size:** 56 kDa

**Additional bands at:** 17 kDa, 46 kDa, 73 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 8 minutes

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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