


### Anti-liver Arginase antibody ab91279

★★★★★ [3 Abreviews](#) [73 References](#) [画像数 2](#)

#### 製品の概要

製品名	Anti-liver Arginase antibody
製品の詳細	Rabbit polyclonal to liver Arginase
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, IP
種交差性	<b>交差種:</b> Mouse, Rat <b>交差が予測される動物種:</b> Pig 
免疫原	Synthetic peptide corresponding to Mouse Liver Arginase aa 300 to the C-terminus (C terminal) conjugated to keyhole limpet haemocyanin. (Peptide available as <a href="#">ab100829</a> )
ポジティブ・コントロール	WB: Rat & mouse liver tissue lysate. IP: Mouse liver tissue.
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	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: PBS</p> <p>Batches of this product that have a concentration &lt; 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.</p>
精製度	Immunogen affinity purified

ポリ/モノ  
アイソタイプ

ポリクローナル  
IgG

## 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ab91279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確認ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 37 kDa (predicted molecular weight: 35 kDa).
IP		Use a concentration of 5 µg/ml.

## ターゲット情報

### パスウェイ

Nitrogen metabolism; urea cycle; L-ornithine and urea from L-arginine: step 1/1.

### 関連疾患

Defects in ARG1 are the cause of argininemia (ARGIN) [MIM:207800]; also known as hyperargininemia. Argininemia is a rare autosomal recessive disorder of the urea cycle. Arginine is elevated in the blood and cerebrospinal fluid, and periodic hyperammonemia occurs. Clinical manifestations include developmental delay, seizures, mental retardation, hypotonia, ataxia, progressive spastic quadriplegia.

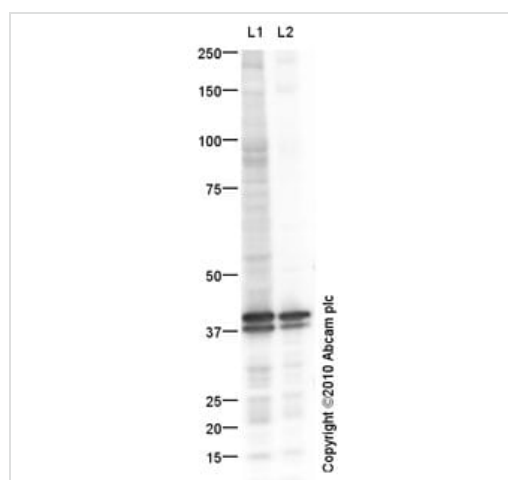
### 配列類似性

Belongs to the arginase family.

### 細胞内局在

Cytoplasm.

## 画像



Western blot - Anti-liver Arginase antibody (ab91279)

**All lanes :** Anti-liver Arginase antibody (ab91279) at 1 µg/ml

**Lane 1 :** Liver (Mouse) Tissue Lysate

**Lane 2 :** Liver (Rat) Tissue Lysate

Lysates/proteins at 10 µg per lane.

### Secondary

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

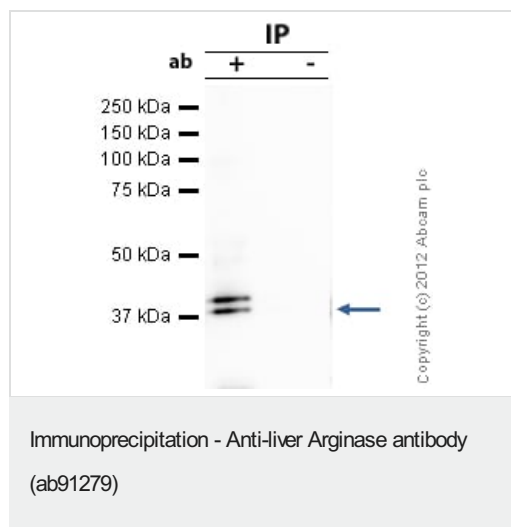
Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 35 kDa

**Observed band size:** 37,40 kDa

**Exposure time:** 30 seconds



Liver Arginase was immunoprecipitated using 0.5mg mouse liver tissue lysate, 5µg of Rabbit polyclonal to Liver Arginase and 50µl of protein G magnetic beads (+). No antibody was added to the control (-).

The antibody was incubated under agitation with Protein G beads for 10min, mouse liver tissue lysate diluted in RIPA buffer was added to each sample and incubated for a further 10min under agitation.

Proteins were eluted by addition of 40µl SDS loading buffer and incubated for 10min at 70°C; 10µl of each sample was separated on a SDS PAGE gel, transferred to a nitrocellulose membrane, blocked with 5% BSA and probed with ab91279.

Secondary: Mouse monoclonal [SB62a] Secondary Antibody to Rabbit IgG light chain (HRP) ([ab99697](#)).

Band: 37, 40kDa: liver Arginase

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

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