




## Product datasheet

### Anti-Liver Arginase antibody ab92274

★★★★★ [2 Abreviews](#) [3 References](#) [2 Images](#)

#### Overview

<b>Product name</b>	Anti-Liver Arginase antibody
<b>Description</b>	Goat polyclonal to Liver Arginase
<b>Host species</b>	Goat
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human, Pig <b>Predicted to work with:</b> Rabbit, Cow, Dog 
<b>Immunogen</b>	Synthetic peptide: CFGLAREGNHKPID , corresponding to C terminal amino acids 303-316 of Human liver Arginase (NP_000036.2).  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>Positive control</b>	WB: Pig, mouse, human and rat liver lysate.
<b>General notes</b>	<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>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% Tris buffered saline, 0.5% BSA
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Clonality</b>	Polyclonal

Isotype

IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab92274 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)	Use a concentration of 0.01 - 0.03 µg/ml. Detects a band of approximately 37 kDa (predicted molecular weight: 35 kDa). 1 hour primary incubation is recommended for this product.

## Target

### Pathway

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

### Involvement in disease

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.

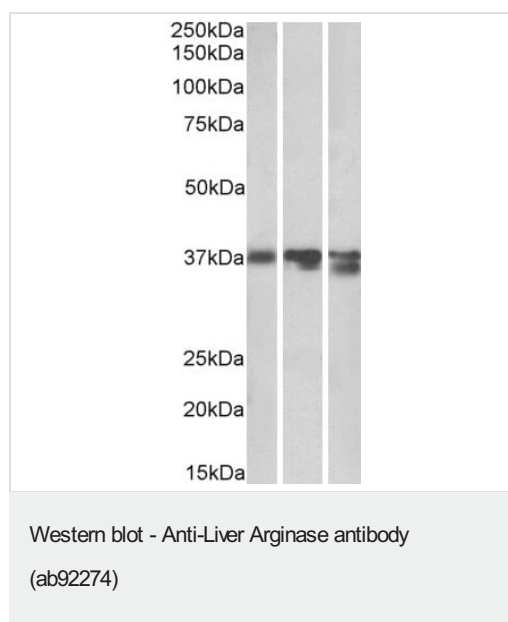
### Sequence similarities

Belongs to the arginase family.

### Cellular localization

Cytoplasm.

## Images



**All lanes :** Anti-Liver Arginase antibody (ab92274) at 0.03 µg/ml

**Lane 1 :** pig liver tissue lysate

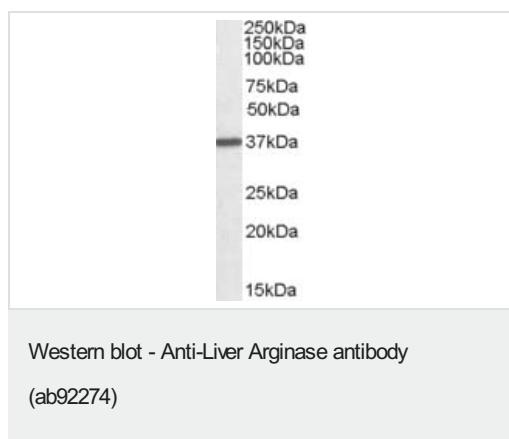
**Lane 2 :** mouse liver tissue lysate

**Lane 3 :** rat liver tissue lysate

Lysates/proteins at 35 µg per lane.

**Predicted band size:** 35 kDa

**Observed band size:** 35 kDa



Anti-Liver Arginase antibody (ab92274) at 0.01 µg/ml + human liver lysate in RIPA buffer at 35 µg

**Predicted band size:** 35 kDa

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

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- Extensive multi-media technical resources to help you
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