

Product datasheet

Anti-Liver Arginase antibody ab92274

★★★★☆ 2 Abreviews 3 References 2 Images

Overview

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

Properties

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

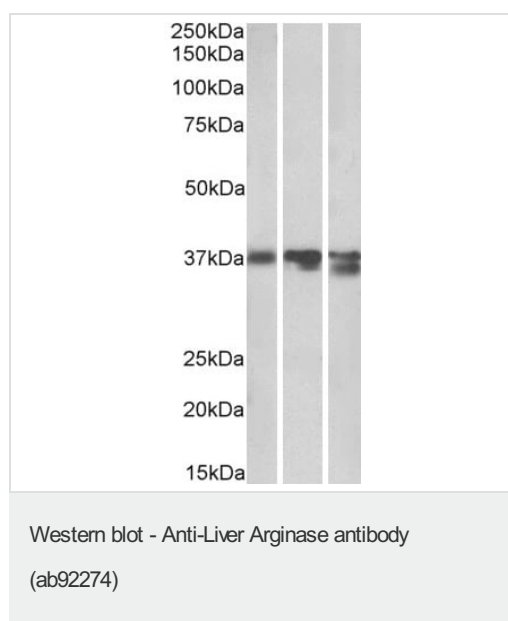
Sequence similarities

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

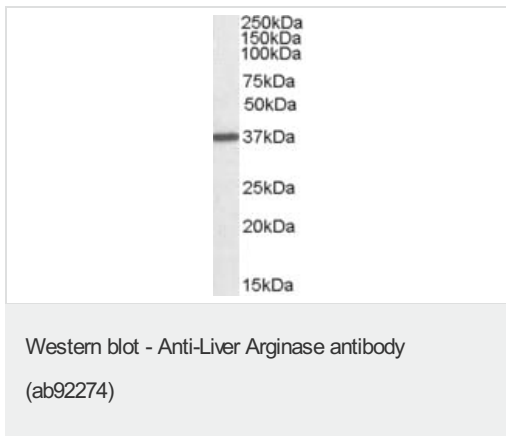
Lane 2 : mouse liver tissue lysate

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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