

**Product Name: Liver Arginase Rabbit Monoclonal antibody**  
**Catalog #: AMRe03783**

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## Summary

<b>Production Name</b>	Liver Arginase Rabbit Monoclonal antibody
<b>Description</b>	Recombinant Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-P
<b>Reactivity</b>	Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	Arg1
<b>Alternative Names</b>	Liver-type arginase; Type I arginase
<b>Gene ID</b>	29221.0
<b>SwissProt ID</b>	P07824.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000 IHC: 1:50-1:100
<b>Molecular Weight</b>	Calculated MW: 35 kDa; Observed MW: 35 kDa

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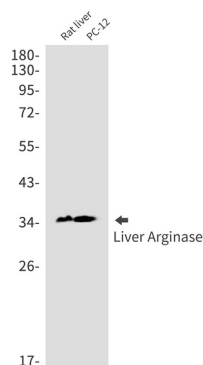
## Background

Key element of the urea cycle converting L-arginine to urea and L-ornithine, which is further metabolized into metabolites proline and polyamides that drive collagen synthesis and bioenergetic pathways critical for cell proliferation, respectively; the urea cycle takes place primarily in the liver and, to a lesser extent, in the kidneys.

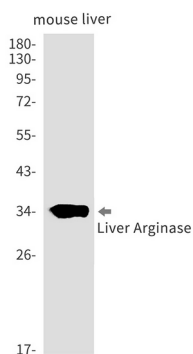
## Research Area

Signal Transduction

## Image Data



Western blot analysis of Liver Arginase in rat liver, PC-12 lysates using Liver Arginase antibody.



Western blot analysis of Liver Arginase in mouse liver lysates using Liver Arginase antibody.

## Note

For research use only.