

Product Name: Liver Arginase Rabbit Monoclonal Antibody
Catalog #: AMRe03783

Summary

Production Name	Liver Arginase Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-P
Reactivity	Mouse,Rat

Performance

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

Immunogen

Gene Name	Arg1
Alternative Names	Liver-type arginase; Type I arginase
Gene ID	29221.0
SwissProt ID	P07824

Application

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

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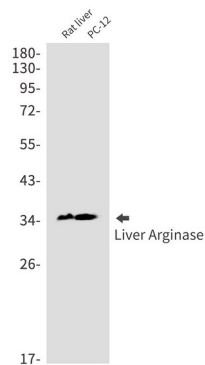
Background

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.

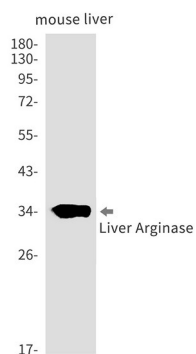
Research Area

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.