

## LIVER ARGINASE RABBIT MAB

**Cat.#:** N262471

**Product Name:** Anti-Liver Arginase Rabbit Monoclonal Antibody

**Synonyms:** Liver-type arginase; Type I arginase

**UNIPROT ID:** P07824

**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.

**Immunogen:** Recombinant protein of rat Liver Arginase

**Applications:** WB,IHC-P

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R03-614

**MW:** Calculated MW: 35 kDa; Observed MW: 35 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Mouse,Rat

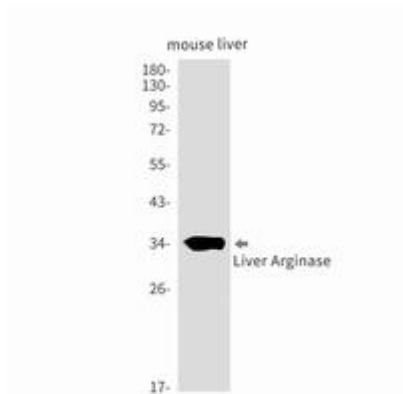
**Conjugation:** Unconjugated

**Modification:** Unmodified

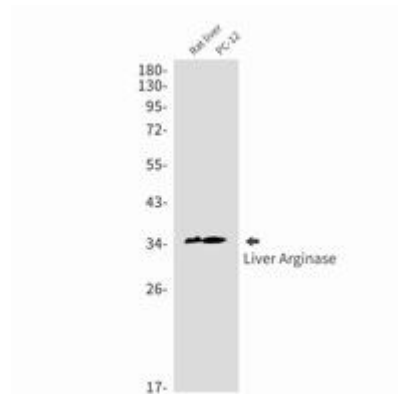
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Signal Transduction

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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



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