

Arginase 1 (ARG1) Rabbit pAb

Catalog No.: A11925 **2 Publications**

Basic Information

Observed MW

35kDa

Calculated MW

35kDa

Category

Primary antibody

Applications

WB,IP,FC

Cross-Reactivity

Human, Mouse, Rat

Background

Arginase catalyzes the hydrolysis of arginine to ornithine and urea. At least two isoforms of mammalian arginase exist (types I and II) which differ in their tissue distribution, subcellular localization, immunologic crossreactivity and physiologic function. The type I isoform encoded by this gene, is a cytosolic enzyme and expressed predominantly in the liver as a component of the urea cycle. Inherited deficiency of this enzyme results in arginemia, an autosomal recessive disorder characterized by hyperammonemia. Two transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

| | |
|-----------|----------------|
| WB | 1:500 - 1:2000 |
| IP | 1:20 - 1:50 |
| FC | 1:20 - 1:50 |

Immunogen Information

Gene ID

383

Swiss Prot

P05089

Immunogen

Recombinant protein of human Arginase 1 (ARG1)

Synonyms

ARG1; arginase-1; Arginase 1 (ARG1)

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

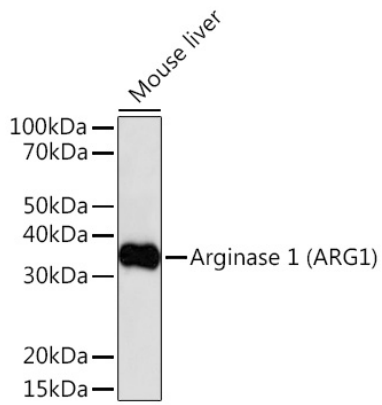
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of lysates from mouse liver, using Arginase 1 (ARG1) Rabbit pAb (A11925).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.