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ARG1

Reactivity: Mouse Rat

Tested applications:WB

Recommended Dilution:WB 1:500 - 1:2000

Calculated MW:35kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human ARG1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

ARG1; Arginase-1; Liver-type arginase; Type I arginase;

Catalog #:A1847

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:383

Isotype: IgG

Swiss Prot:P05089

Purity: Affinity purification

For research use only.

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 argininemia, an autosomal recessive disorder characterized by hyperammonemia. Two transcript variants encoding different isoforms have been found for this gene.

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