

Product Datasheet

ARG1 Antibody

Catalog No: CY5101

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB, IP



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Information

UniProt ID: P05089

All Names: ARG1; Arginase-1; Liver-type arginase; Type I arginase; Arginase liver ; Liver Arginase

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 35 kDa

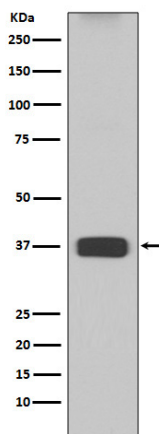
Application

WB: 1:1000~1:2000

IP: 1: 1:30

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.



Western blot analysis of ARG1 expression in Mouse liver lysate.

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