

Liver Arginase polyclonal antibody

Catalog: BS90802

Host: Rabbit

Reactivity: Human

BackGround:

Arginase I (also designated liver-type arginase), which is expressed almost exclusively in the liver, catalyzes the conversion of arginine to ornithine and urea. Arginase I exists as a homotrimeric protein and contains a binuclear manganese cluster. Arginase II catalyzes the same reaction as arginase I, but differs in its tissue specificity and subcellular location. Specifically, arginase II localizes to the mitochondria. Arginase II is expressed in non-hepatic tissues, with the highest levels of expression in the kidneys, but, unlike arginase I, is not expressed in liver. In addition, arginase II contains a putative amino-terminal mitochondrial localization sequence..

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

36 kDa

Swiss-Prot:

P05089(Human)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500-1:2,000

IHC:1:50-1:200

IP:1:10-1:50

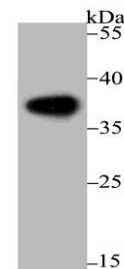
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

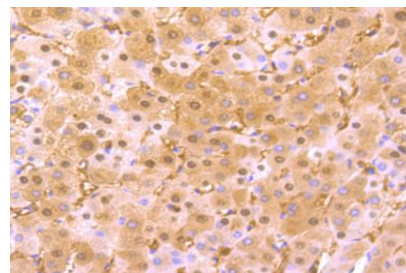
Specificity:

Liver Arginase polyclonal antibody detects endogenous levels of Liver Arginase protein.

DATA:



Western blot analysis of Liver Arginase on human liver tissue lysate using anti-Liver Arginase antibody at 1/500 dilution.



Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-Liver Arginase antibody. Counter stained with hematoxylin.

Note:

For research use only, not for use in diagnostic procedure.

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