

## ARG1 polyclonal antibody

Catalog: BS90085

Host: Rabbit

Reactivity: Human, Mouse, Rat

### 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. The human arginase I gene, which maps to chromosome 6q23, encodes a 322 amino acid protein. 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. The human arginase II gene, which maps to chromosome 14q24.1-q24.3, encodes a 354 amino acid protein. 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:

35/25 kDa

### Swiss-Prot:

P05089(Human) Q61176(Mouse) P07824(Rat)

### Purification&Purity:

ProA affinity purified

### Applications:

WB:1:1,000-1:2,000

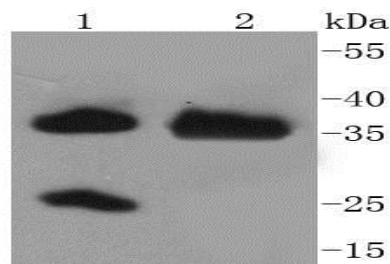
### Storage&Stability:

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

### Specificity:

ARG1 polyclonal antibody detects endogenous levels of ARG1 protein.

### DATA:



Western blot analysis of ARG1 on different lysates using anti-ARG1 antibody at 1/1,000 dilution. Positive control: Lane 1: Rat liver Lane 2: Human liver

### Note:

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

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