

Rabbit anti-Human Liver Arginase Monoclonal Antibody | anti-ARG1 antibody

Liver Arginase Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312644	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Western Blot

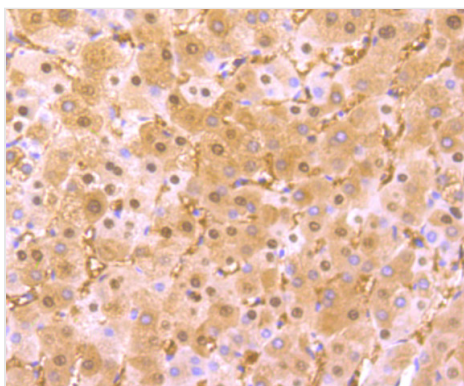
PRODUCT SYNONYMS

Liver Arginase; Monoclonal Antibody; Liver Arginase Antibody; A I antibody; AI antibody; ARG 1 antibody; arg1 antibody; ARG1_HUMAN antibody; Arginase 1 antibody; Arginase liver antibody; Arginase type I antibody; Arginase; liver antibody; Arginase-1 antibody; Arginase1 antibody; Liver type arginase antibody; Liver-type arginase antibody; Type I arginase antibody; anti-ARG1 antibody

PRODUCT SPECIFICATIONS

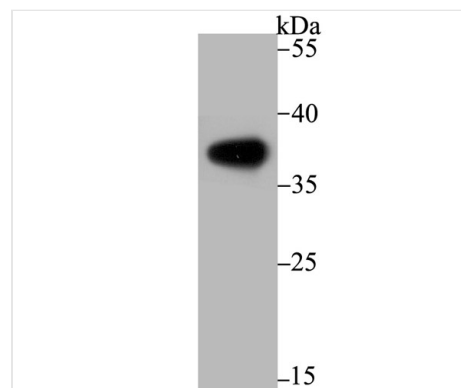
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	JB21-49
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-ARG1 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-ARG1 antibody	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 Categories/Family for anti-ARG1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	10947139
NCBI GeneID	383
NCBI Accession #	NP_000036.2
NCBI GenBank Nucleotide #	NM_000045.3
UniProt Accession #	P05089; Q5JWT5; Q5JWT6; Q8TE72; Q9BS50; A6NEA0
Molecular Weight	34,735 Da
NCBI Official Full Name	arginase-1 isoform 2
NCBI Official Synonym Full Names	arginase, liver
NCBI Official Symbol	ARG1
NCBI Protein Information	arginase-1; type I arginase; liver-type arginase
UniProt Protein Name	Arginase-1
UniProt Gene Name	ARG1
UniProt Entry Name	ARGI1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/liver-arginase-antibody-clone-jb21-49-immunoprecipitation-immunohistochemistry-western-blot-elisa/312644>