Rabbit Arginase I Polyclonal Antibody | anti-ARG1 antibody

Arginase I Antibody

CATALOG #	HOST	APPLICATIONS
AAA225442	**Rabbit**	**Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence**

PRODUCT SYNONYMS

Arginase I; Polyclonal Antibody; Arginase I Antibody; Affinity Purified Rabbit Polyclonal Arginase I Antibody; Polyclonal Arginase I antibody; Anti-Arginase I antibody; type I arginase antibody; arginase-1 antibody; liver-type arginase antibody; ARG1 antibody; anti-ARG1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated soloution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	328
Applicable Applications for anti-ARG1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemical staining of paraffin-embedded Cal27 xenograft using Arginase I antibody at a dilution of 1:500



IF (Immunofluorescence)
Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using arginase I antibody at 1:200 dilution.



WB (Western Blot)
Western blot analysis of 30 ug of whole cell lysate (A: Raji) using a 10% SDS PAGE gel and Arginase I antibody at a dilution of 1:3000



WB (Western Blot)
Western blot analysis of 20 ug of whole cell lysate (A: mouse liver) using a 10% SDS PAGE gel and Arginase I antibody at a dilution of 1:50000

ADDITIONAL INFORMATION

Related Product Information for anti-ARG1 antibody	Arginase catalyzes the hydrolysis of arginine to ornithine and urea. At least two isoforms of mammalian arginase exist 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.
Product Categories/Family for anti-ARG1 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	1244204322
Molecular Weight	35 kDa
NCBI Official Full Name	arginase

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/polyclonal/arginase-i-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/225442