

Rat Arg1 Antibody(C-term) Blocking peptide
Synthetic peptide
Catalog # BP19587b**Specification****Rat Arg1 Antibody(C-term) Blocking peptide -
Product Information**Primary Accession [P07824](#)**Rat Arg1 Antibody(C-term) Blocking peptide -
Additional Information**

Gene ID 29221

Other NamesArginase-1, Liver-type arginase, Type I
arginase, Arg1**Format**Peptides are lyophilized in a solid powder
format. Peptides can be reconstituted in
solution using the appropriate buffer as
needed.**Storage**Maintain refrigerated at 2-8°C for up to 6
months. For long term storage store at
-20°C.**Precautions**This product is for research use only. Not
for use in diagnostic or therapeutic
procedures.**Rat Arg1 Antibody(C-term) Blocking peptide -
Protein Information**

Name Arg1

FunctionKey element of the urea cycle converting
L-arginine to urea and L-ornithine, which is
further metabolized into metabolites proline
and polyamides that drive collagen
synthesis and bioenergetic pathways critical
for cell proliferation, respectively; the urea
cycle takes place primarily in the liver and,
to a lesser extent, in the kidneys.**Cellular Location****Rat Arg1 Antibody(C-term) Blocking
peptide - Background**catalyzes the hydrolysis of arginine to
ornithine and ureain arginine metabolism;
regulates nitric oxide production [RGD].**Rat Arg1 Antibody(C-term) Blocking
peptide - References**Warnken, M., et al. Naunyn Schmiedebergs
Arch. Pharmacol. 381(4):297-304(2010)Zhu,
W., et al. Am. J. Physiol., Cell Physiol. 298 (4),
C952-C960 (2010) :Bagnost, T., et al.
Hypertens. Res. 32(12):1130-1135(2009)Kim,
J.H., et al. J. Appl. Physiol.
107(4):1249-1257(2009)Deng, K., et al. J.
Neurosci. 29(30):9545-9552(2009)

Cytoplasm
{ECO:0000250|UniProtKB:P05089}.
Cytoplasmic granule
{ECO:0000250|UniProtKB:P05089}

Tissue Location

Detected in liver (at protein level).

Rat Arg1 Antibody(C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)