10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Rat Arg1 Antibody(C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19587b

Specification

Rat Arg1 Antibody(C-term) - Product Information

Application	**WB,E**
Primary Accession	P07824
Other Accession	NP_058830.2
Reactivity	**Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**34973**
Antigen Region	**292-318**

Rat Arg1 Antibody(C-term) - Additional Information

Gene ID 29221

Other Names
Arginase-1, Liver-type arginase, Type I arginase, Arg1

Target/Specificity
This Rat Arg1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 292-318 amino acids from the C-terminal region of rat Arg1.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Rat Arg1 Antibody(C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Rat Arg1 Antibody(C-term) - Protein Information

Name Arg1

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

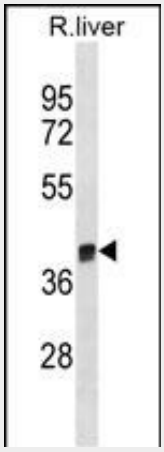
Tissue Location
Detected in liver (at protein level).

Rat Arg1 Antibody(C-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Rat Arg1 Antibody(C-term) - Images



Rat Arg1 Antibody (C-term) (Cat. #AP19587b) western blot analysis in rat liver tissue lysates (35ug/lane).This demonstrates the Rat Arg1 antibody detected the Rat Arg1 protein (arrow).

Rat Arg1 Antibody(C-term) - Background

catalyzes the hydrolysis of arginine to ornithine and urea
in arginine metabolism; regulates nitric oxide production [RGD].

Rat Arg1 Antibody(C-term) - References

Warnken, M., et al. Naunyn Schmiedebergs Arch. Pharmacol. 381(4):297-304(2010)
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