

ARG2 polyclonal antibody (A01)

Catalog # H00000384-A01

Size 50 uL

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant ARG2.
Immunogen	ARG2 (AAH29050, 1 a.a. ~ 354 a.a) full-length recombinant protein with GST tag.
Sequence	MSLRGSLSRLLQTRVHSILKKS VHSVAVIGAPFSQGQKRKGVEHGPA AIREAGLMKRLSSLGCHL KDFGDL SFTPVPKDDLYNNLVNPRSVGLANQELAEVVSRAVSDGYSCVTLGGDHSLAIGTISGHA RHCPDLCVVWVDAHADINTPLTTSSGNLHGQPVSFLLRELQDKVPQLPGFSWIKPCISSASIVYIG LRDVPPEHFILKNYDIQYFSMRDIDRLGIQKVMERTFDLLIGKRQRP IHL SFDIDAFDPTLAPATGTP VVGGLTYREGMYIAEEIHNTGLLSALDLVEVNPQLATSEEEAKTTANLAVDVIASSFGQTREGGHV YDQLPTPSSPDESENQARVRI
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — ARG2

Entrez GeneID	384
GeneBank Accession#	BC029050
Protein Accession#	AAH29050

Gene Name	ARG2
Gene Alias	-
Gene Description	arginase, type II
Omim ID	107830
Gene Ontology	Hyperlink
Gene Summary	Arginase catalyzes the hydrolysis of arginine to ornithine and urea. At least two isoforms of mammalian arginase exists (types I and II) which differ in their tissue distribution, subcellular localization, immunologic crossreactivity and physiologic function. The type II isoform encoded by this gene, is located in the mitochondria and expressed in extra-hepatic tissues, especially kidney. The physiologic role of this isoform is poorly understood; it is thought to play a role in nitric oxide and polyamine metabolism. Transcript variants of the type II gene resulting from the use of alternative polyadenylation sites have been described. [provided by RefSeq]
Other Designations	A-II L-arginine amidinohydrolase L-arginine ureahydrolase kidney arginase nonhepatic arginase

Pathway

- [Arginine and proline metabolism](#)
- [Biosynthesis of alkaloids derived from ornithine](#)
- [Metabolic pathways](#)

Disease

- [Asthma](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)