

DNAxPAb

Hard-to-Find
Antibody

ARG2 DNAxPab

Catalog # H00000384-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ARG2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSLRGSLSRLLQTRVHSILKKS VHSVAVIGAPFSQGQKRKGVEHGPA AIREAGLMKRLSSLGCHL KDFGDLSTPVPKDDLNNLVNPRSVGLANQELAEVVSRAVSDGYSCVTLGGDHSLAIGTISGHA RHCPDLCVVWVDAHADINTPLTTSSGNLHGQPVSFLLRELQDKVPQLPGFSWIKPCISSASIVYG LRDVPPEHFILKNYDIQYFSMRDIDRLGIQKVMERTFDLLIGKRQRPIHLSFDIDAFDPTLAPATGTP VVGGLTYREGMYIAEEIHNTGLLSALDLVEVNPQLATSEEEAKTTANLAVDVIASSFGQTREGGHV YDQLPTPSSPDESENQARVRI
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — ARG2

Entrez GeneID [384](#)

GeneBank Accession# [BC029050.1](#)

Protein Accession# [AAH29050.1](#)

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](#)