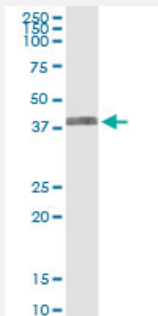


ARG2 (Human) IP-WB Antibody Pair

Catalog # H00000384-PW1

Size 1 Set

Applications



Immunoprecipitation of ARG2 transfected lysate using rabbit polyclonal anti-ARG2 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-ARG2.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of ARG2 transfected lysate using rabbit polyclonal anti-ARG2 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-ARG2.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-ARG2 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-ARG2 (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — ARG2

Entrez GeneID	384
Gene Name	ARG2
Gene Alias	-
Gene Description	arginase, type II
Omim ID	107830
Gene Ontology	Hyperlink
Gene Summary	<p>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]</p>
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](#)