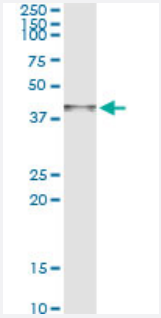
ARG2 (Human) IP-WB Antibody Pair

Catalog # H00000384-PW2 Size 1 Set

Applications



Immunoprecipitation of ARG2 transfected lysate using mouse monoclonal anti-ARG2 and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit 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 mouse monoclonal anti-ARG2 and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-ARG2.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: mouse monoclonal anti-ARG2 (300 ug) 2. Antibody pair for WB: rabbit polyclonal anti-ARG2 (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze tha w 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	Arginase catalyzes the hydrolysis of arginine to ornithine and urea. At least two isoforms of mam malian arginase exists (types I and II) which differ in their tissue distribution, subcellular localizatio n, 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 phys iologic role of this isoform is poorly understood; it is thought to play a role in nitric oxide and polya mine metabolism. Transcript variants of the type II gene resulting from the use of alternative polya denylation 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