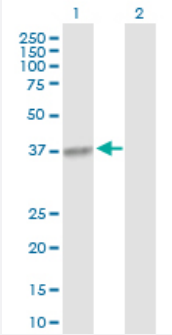
MaxPab®

ARG1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000383-D01P Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ARG1 expression in transfected 293T cell line (H00000383-T03) by ARG1 MaxPab polyclonal antibody.

Lane 1: ARG1 transfected lysate(34.70 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ARG1 protein.
Immunogen	ARG1 (AAH20653.1, 1 a.a. ~ 322 a.a) full-length human protein.
Sequence	MSAKSRTIGIIGAPFSKGQPRGGVEEGPTVLRKAGLLEKLKEQECDVKDYGDLPFADIPNDSPFQI VKNPRSVGKASEQLAGKVAEVKKNGRISLVLGGDHSLAIGSISGHARVHPDLGVIWVDAHTDINTP LTTTSGNLHGQPVSFLLKELKGKIPDVPGFSWVTPCISAKDIVYIGLRDVDPGEHYILKTLGIKYFSM TEVDRLGIGKVMEETLSYLLGRKKRPIHLSFDVDGLDPSFTPATGTPVVGGLTYREGLYITEEIYKTG LLSGLDIMEVNPSLGKTPEEVTRTVNTAVAITLACFGLAREGNHKPIDYLNPPK
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87); Rat (87)
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.

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  Protocol Download

Gene Info — ARG1

Entrez GeneID	383
GeneBank Accession#	NM_000045.2
Protein Accession#	AAH20653.1
Gene Name	ARG1
Gene Alias	-
Gene Description	arginase, liver
Omim ID	207800 608313
Gene Ontology	Hyperlink
Gene Summary	Arginase catalyzes the hydrolysis of arginine to ornithine and urea. At least two isoforms of mam malian arginase exist (types I and II) which differ in their tissue distribution, subcellular localization, immunologic crossreactivity and physiologic function. The type I isoform encoded by this gene, is a cytosolic enzyme and expressed predominantly in the liver as a component of the urea cycle. Inh erited deficiency of this enzyme results in argininemia, an autosomal recessive disorder character ized by hyperammonemia. [provided by RefSeq
Other Designations	A-I|OTTHUMP00000017209|arginase, type I

Pathway

- Arginine and proline metabolism
- Biosynthesis of alkaloids derived from ornithine

- Metabolic pathways

Disease

- Asthma
- Atherosclerosis
- Bronchiolitis
- Cardiovascular Diseases
- Coronary Disease
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Helicobacter Infections
- Hypersensitivity
- Infant
- Inflammation
- Lung Neoplasms
- Myocardial Infarction
- Precancerous Conditions
- Pulmonary Disease
- Respiratory Syncytial Virus Infections
- Stomach Neoplasms