

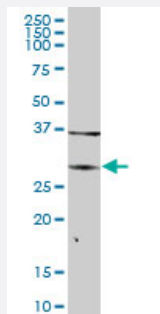
MaxPab®

ARG1 purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00000383-B02P

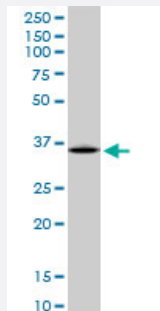
Size 50 ug

Applications



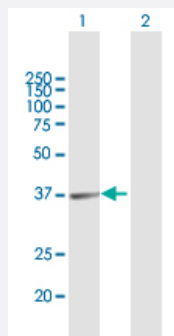
Western Blot (Tissue lysate)

ARG1 MaxPab polyclonal antibody. Western Blot analysis of ARG1 expression in human liver.



Western Blot (Cell lysate)

ARG1 MaxPab polyclonal antibody. Western Blot analysis of ARG1 expression in HepG2.



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(35.42 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse 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	MSAKSRTIGIIGAPFSKGQPRGGVEEGPTVLRKAGLLEKLKEQECDDVKDYGDLPFADIPNDSPFQI VKNPRSVGKASEQLAGKVAEVKKNGRISLVGGDHSLAIGSISGHARVHPDLGVMVDAHTDINTP LTTTSGNLHGQPVSFLLKELKGKIPDVPGFSSWVTPCISAKDMYIGLRDVPGEHYLKTGKIYFSM TEVDRLGIGKVMEETLSYLLGRKKRPIHLSFDVDGLDPSFTPATGTPVVGGLTYREGLYTEENKYG LLSGLDIMEVNPSTLGKTPEEVTRTVNTAVAITLACFGLAREGNHKPIDYLNPPK
Host	Mouse
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.

Applications

- Western Blot (Tissue lysate)

ARG1 MaxPab polyclonal antibody. Western Blot analysis of ARG1 expression in human liver.

[Protocol Download](#)

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ARG1 MaxPab polyclonal antibody. Western Blot analysis of ARG1 expression in HepG2.

[Protocol Download](#)

- Western Blot (Transfected lysate)

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

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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 mammalian 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. Inherited deficiency of this enzyme results in argininemia, an autosomal recessive disorder characterized 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](#)
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