

Datasheet for ABIN570917

anti-Liver Arginase antibody (C-Term)

4 Images

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Overview

Quantity:	100 µg
Target:	Liver Arginase (ARG1)
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Pig
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Liver Arginase antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	Arginase I
Immunogen:	Peptide with sequence CFGLAREGNHKPID, from the C Terminus of the protein sequence according to NP_000036.2.
Sequence:	CFGLAREGNH KPID
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

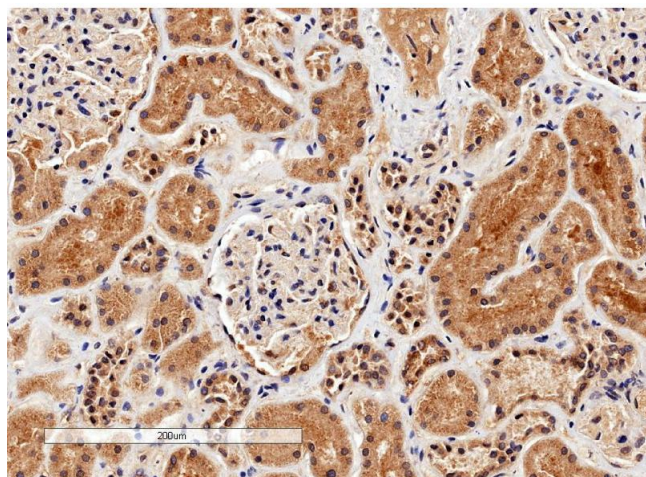
Target:	Liver Arginase (ARG1)
Alternative Name:	ARG1 (ARG1 Products)
Background:	ARG1, arginase, liver , HGNC:663 , A-I, arginase, type I, arginase 1, liver-type arginase, type I arginase
Gene ID:	383, 11846, 29221
NCBI Accession:	NP_000036
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	<p>Immunohistochemistry: Paraffin embedded Human Liver. Recommended concentration: 3.75 µg/mL.</p> <p>Western Blot: Approx. 37 kDa band observed in Human, Mouse, Rat and Pig Liver lysates (calculated MW of 34.7 kDa according to NP_000036.2). This molecular weight is routinely observed by other sources. Recommended concentration: 0.01-0.03 µg/mL. Primary in</p> <p>Peptide ELISA: antibody detection limit dilution 1:64000.</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



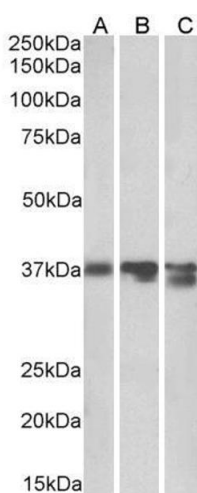
Immunohistochemistry

Image 1. ABIN570917 (4µg/ml) staining of paraffin embedded Human Kidney. Microwaved antigen retrieval with Tris/EDTA buffer pH9, HRP-staining.



Western Blotting

Image 2. Antibody (0.01µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blotting

Image 3. ABIN570917 (0.03µg/ml) staining of Pig (A), Mouse (B) and Rat (C) Liver lysates (35µg protein in RIPA buffer). Detected by chemiluminescence.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN570917.