abcam

Product datasheet

Anti-Liver Arginase antibody ab96183

★☆☆☆☆☆ **1 Abreviews**   **7 References**   画像数 10

製品の概要

製品名	Anti-Liver Arginase antibody
製品の詳細	Rabbit polyclonal to Liver Arginase
由来種	Rabbit
アプリケーション	**適用あり:** WB, IHC-P, ICC/IF, ELISA, IHC-Fr, IP, Flow Cyt
種交差性	**交差種:** Mouse, Rat, Human
	交差が予測される動物種: Rabbit, Cow, Pig
免疫原	Recombinant fragment corresponding to Human Liver Arginase aa 1-292. Database link: **P05089**
ポジティブ・コントロール	WB: Raji whole cell lysate. Rat liver tissue extract. Mouse liver extract. IHC-P: Cal27 xenograft. Mouse liver tissue. ICC/IF: HeLa cells. IHC-Fr: Mouse hippocampus tissue. ELISA: HEK-293T whole cell extracts. Flow Cyt: HepG2 cell. IP: HepG2 cells
特記事項	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at 4°C (stable for up to 12 months). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 79% PBS, 20% Glycerol (glycerin, glycerine)
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee　　　**Abpromise保証は、次のテスト済みアプリケーションにおけるab96183の使用に適用されます**

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/3000. Predicted molecular weight: 35 kDa.
IHC-P	⭐☆☆☆☆ (1)	1/100 - 1/1000. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. For antigen retrieval, either 10mM Citrate buffer(PH6.0) or Tris-EDTA buffer (PH8.0) will be effective.
ICC/IF		1/100 - 1/1000.
ELISA		1/1000 - 1/10000.
IHC-Fr		1/100 - 1/1000.
IP		1/100 - 1/1000.
Flow Cyt		1/50 - 1/200.

ターゲット情報

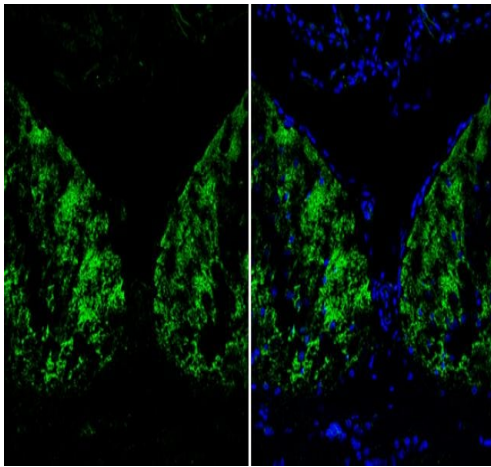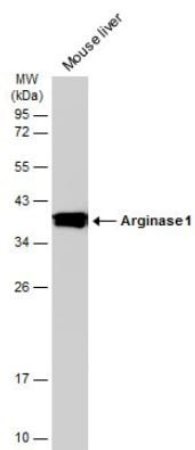|	
パスウェイ	Nitrogen metabolism; urea cycle; L-ornithine and urea from L-arginine: step 1/1.
関連疾患	Defects in ARG1 are the cause of argininemia (ARGIN) [MIM:207800]; also known as hyperargininemia. Argininemia is a rare autosomal recessive disorder of the urea cycle. Arginine is elevated in the blood and cerebrospinal fluid, and periodic hyperammonemia occurs. Clinical manifestations include developmental delay, seizures, mental retardation, hypotonia, ataxia, progressive spastic quadriplegia.
配列類似性	Belongs to the arginase family.
細胞内局在	Cytoplasm.

画像

Immunohistochemistry (Frozen sections) - Anti-Liver
Arginase antibody (ab96183)

Frozen sections of mouse hippocampus tissue stained for Arginase
1 (green) using ab96183 at 1/250 dilution in immunohistochemical
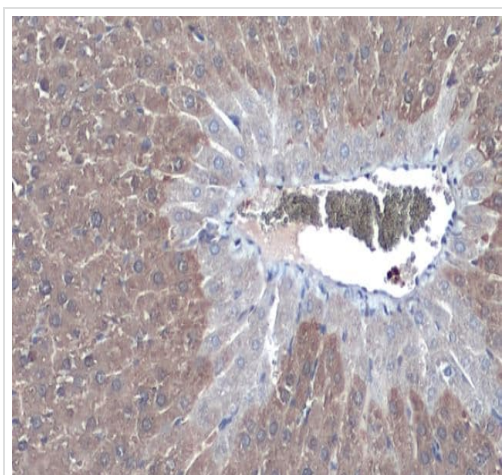analysis. Counterstained with Fluoroshield with DAPI (blue).

Western blot - Anti-Liver Arginase antibody
(ab96183)

Anti-Liver Arginase antibody (ab96183) at 1/10000 dilution +
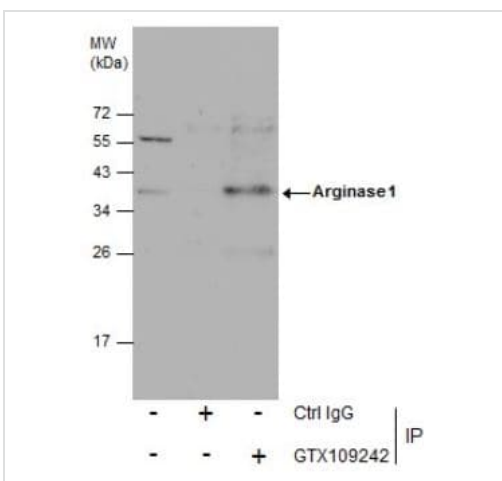Mouse liver extract at 50 µg

Predicted band size: 35 kDa
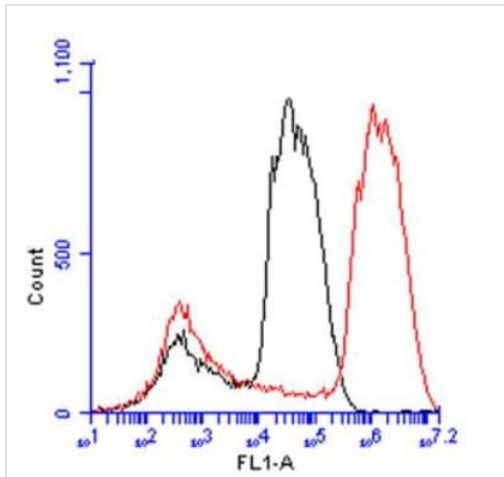
Separated by 12% SDS-PAGE.

Paraffin embedded mouse liver tissue stained for Arginase 1 using ab96183 at 1/500 dilution in immunohistochemical analysis.
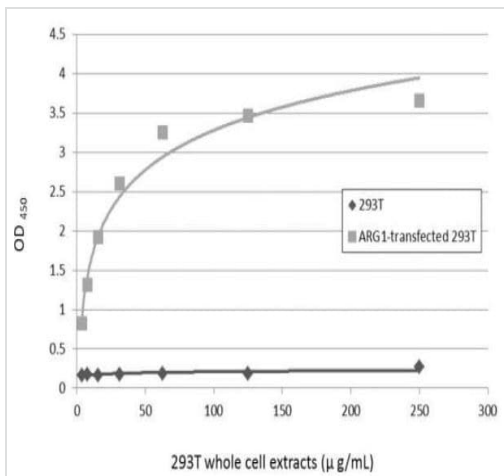
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Liver Arginase antibody (ab96183)

Arginase 1 was immunoprecipitated from 5µ of HepG2 whole cell lysate with ab96183. Western blot was performed from the immunoprecipitate using ab96183 at 1/600 dilution. EasyBlot anti-Rabbit IgG, was used as secondary antibody.
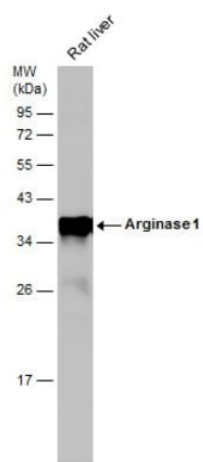
Immunoprecipitation - Anti-Liver Arginase antibody (ab96183)

Flow cytometric analysis of HepG2 cell line labeling ARG1 with ab96183 at 1/50 dilution (red) compared with Isotype Control (black) and an unlabelled control. Dylight 488-conjugated was used as secondary antibody.

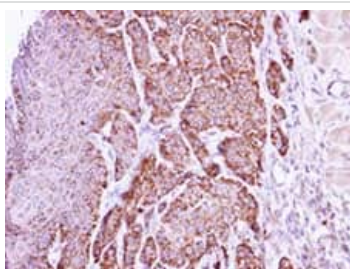Flow Cytometry - Anti-Liver Arginase antibody (ab96183)

ELISA analysis of HEK-293T whole cell extracts using ab96183 as a detection antibody with concentration of 1 µg/mL.

ELISA - Anti-Liver Arginase antibody (ab96183)

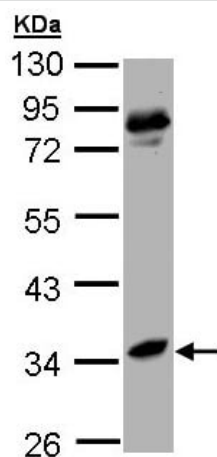Western blot - Anti-Liver Arginase antibody (ab96183)

Anti-Liver Arginase antibody (ab96183) at 1/10000 dilution + Rat liver tissue extract at 50 µg

Predicted band size: 35 kDa

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-liver Arginase antibody (ab96183)

ab96183, at 1/500 dilution, staining liver Arginase in paraffin-embedded Cal27 xenograft by Immunohistochemistry.
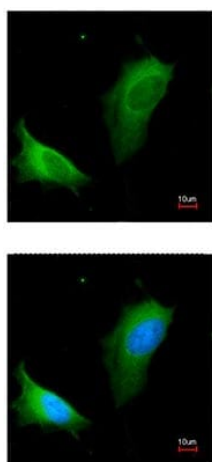
Anti-Liver Arginase antibody (ab96183) at 1/3000 dilution + Raji whole cell lysate at 30 µg

Predicted band size: 35 kDa

10% SDS-PAGE

Western blot - Anti-liver Arginase antibody (ab96183)

ab96183, at 1/200 dilution, staining paraformaldehyde-fixed HeLa cells by Immunofluorescence. Lower image is merged with DNA probe.

Immunocytochemistry/ Immunofluorescence - Anti-liver Arginase antibody (ab96183)

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