


Anti-HMGCL antibody ab97293

1 References [画像数 2](#)

医薬用外劇物

製品の概要

製品名	Anti-HMGCL antibody
製品の詳細	Rabbit polyclonal to HMGCL
由来種	Rabbit
アプリケーション	適用あり: WB, ICC/IF
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat, Cow 
免疫原	Recombinant protein fragment corresponding to a region within amino acids 1 and 185 of Human HMGCL (NP_000182).
ポジティブ・コントロール	WB: 293T, A431, H1299, HeLa, HepG2, MOLT4 and Raji cell lysates ICC/IF: HeLa cells
特記事項	<p>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.</p> <p>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</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
精製度	Immunogen affinity purified
特記事項(精製)	Purified by antigen affinity chromatography.
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

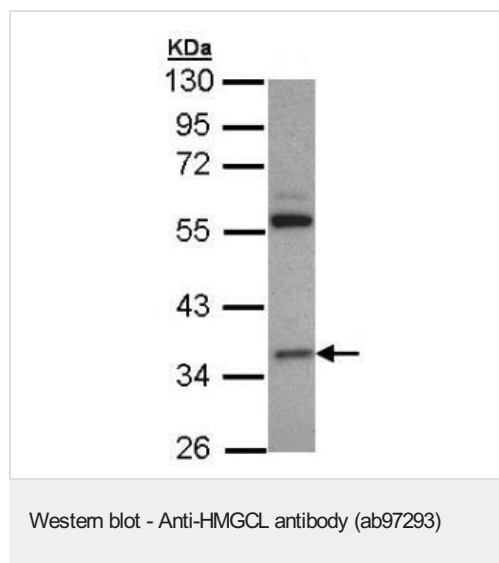
The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab97293の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/3000. Predicted molecular weight: 34 kDa.
ICC/IF		1/100 - 1/200.

ターゲット情報

機能	Involved in the catabolism of branched amino acids such as leucine.
組織特異性	Fibroblasts, liver and lymphoblasts.
パスウェイ	Metabolic intermediate metabolism; (S)-3-hydroxy-3-methylglutaryl-CoA degradation; acetoacetate from (S)-3-hydroxy-3-methylglutaryl-CoA: step 1/1.
関連疾患	Defects in HMGCL are the cause of 3-hydroxy-3-methylglutaryl-CoA lyase deficiency (HMGCLD) [MIM:246450]; also known as hydroxymethylglutaricaciduria or HL deficiency. An autosomal recessive disease affecting ketogenesis and L-leucine catabolism. The disease usually appears in the first year of life after a fasting period and its clinical acute symptoms include vomiting, seizures, metabolic acidosis, hypoketotic hypoglycemia and lethargy. These symptoms sometimes progress to coma, with fatal outcome in some cases.
配列類似性	Belongs to the HMG-CoA lyase family.
細胞内局在	Mitochondrion matrix.

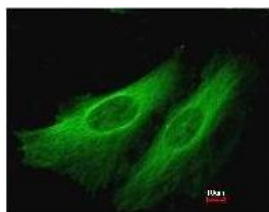
画像



Anti-HMGCL antibody (ab97293) at 1/3000 dilution + H1299 whole cell lysate
at 30 µg

Predicted band size: 34 kDa

10% SDS PAGE



ab97293, at a 1/200 dilution, staining HMGCL in paraformaldehyde fixed HeLa by Immunofluorescence analysis.

The lower image was merged with DNA probe.

Immunocytochemistry/ Immunofluorescence - Anti-HMGCL antibody (ab97293)

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