

Product datasheet

Anti-DLST antibody ab95946

1 References [画像数 2](#)

製品の概要

製品名	Anti-DLST antibody
製品の詳細	Rabbit polyclonal to DLST
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat, Cow, Pig, Zebrafish 
免疫原	Recombinant protein fragment containing a sequence corresponding to a region within amino acids 188-423 of Human DLST
ポジティブ・コントロール	A431 whole cell lysate This antibody gave a positive result in IHC in the following FFPE tissue: Human normal heart muscle.

法規制情報

医薬用外毒物

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: 0.01% Thimerosal (merthiolate) Constituents: 10% Glycerol, 0.1M Tris, 0.1M Glycine, pH 7.0
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

Our [Abpromise guarantee](#) covers the use of **ab95946** in the following tested applications.

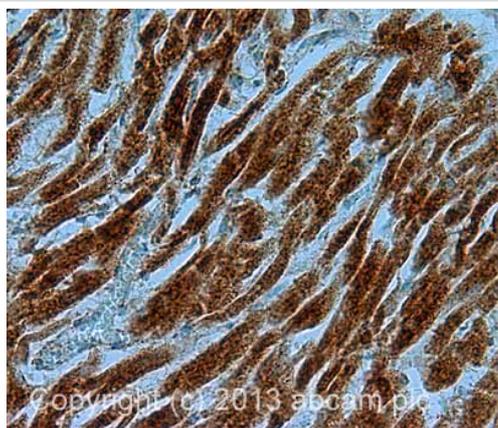
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/3000. Predicted molecular weight: 49 kDa.
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

ターゲット情報

機能	The 2-oxoglutarate dehydrogenase complex catalyzes the overall conversion of 2-oxoglutarate to succinyl-CoA and CO ₂ . It contains multiple copies of 3 enzymatic components: 2-oxoglutarate dehydrogenase (E1), dihydrolipoamide succinyltransferase (E2) and lipoamide dehydrogenase (E3).
パスウェイ	Amino-acid degradation; L-lysine degradation via saccharopine pathway; glutaryl-CoA from L-lysine: step 6/6.
配列類似性	Belongs to the 2-oxoacid dehydrogenase family. Contains 1 lipoyl-binding domain.
細胞内局在	Mitochondrion.

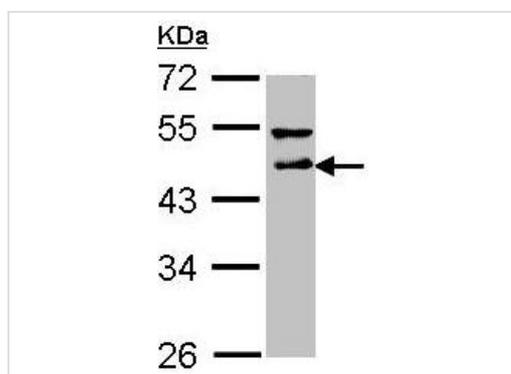
画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DLST antibody (ab95946)

IHC image of DLST staining in Human normal heart muscle formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab95946, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.



Western blot - Anti-DLST antibody (ab95946)

Anti-DLST antibody (ab95946) at 1/1000 dilution + A431 whole cell lysate at 30 µg

Predicted band size: 49 kDa

gel concentration: 10%

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