

Datasheet for ABIN7149912  
**anti-DLST antibody (AA 76-225)**



[Go to Product page](#)

4 Images

## Overview

Quantity:	100 µg
Target:	DLST
Binding Specificity:	AA 76-225
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DLST antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial protein (76-225AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

## Target Details

Target:	DLST
Alternative Name:	DLST ( <a href="#">DLST Products</a> )
Background:	Background: The 2-oxoglutarate dehydrogenase complex catalyzes the overall conversion of 2-

Target Details

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).

Aliases: 2-oxoglutarate dehydrogenase complex component E2 antibody, Dihydrolipoamide S succinyltransferase (E2 component of 2 oxo glutarate complex) antibody, Dihydrolipoamide S succinyltransferase antibody, Dihydrolipoamide succinyltransferase component of 2 oxoglutarate dehydrogenase complex antibody, Dihydrolipoamide succinyltransferase component of 2-oxoglutarate dehydrogenase complex antibody, Dihydrolipoyllysine residue succinyltransferase component of 2 oxoglutarate dehydrogenase complex antibody, Dihydrolipoyllysine residue succinyltransferase component of 2 oxoglutarate dehydrogenase complex mitochondrial antibody, Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex antibody, Dlst antibody, DLTS antibody, E2 antibody, E2K antibody, mitochondrial antibody, ODO2\_HUMAN antibody, OGDC-E2 antibody

UniProt: [P36957](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

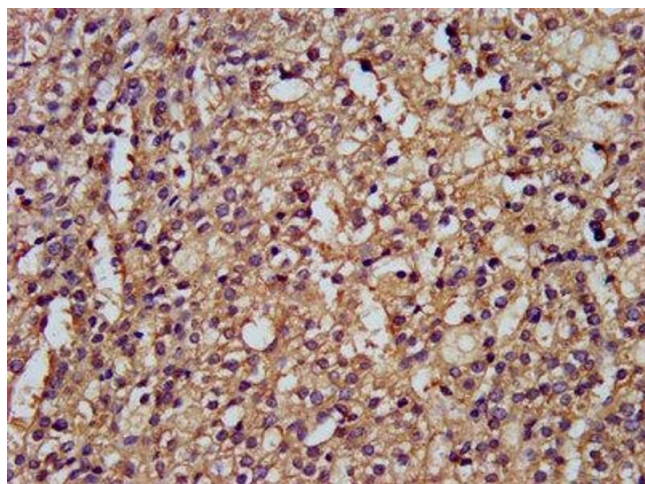
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

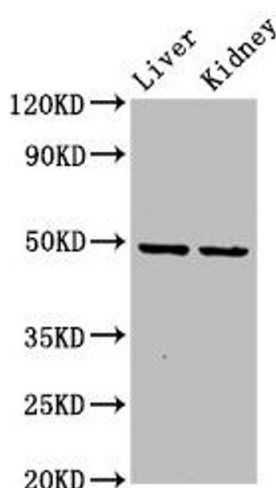
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



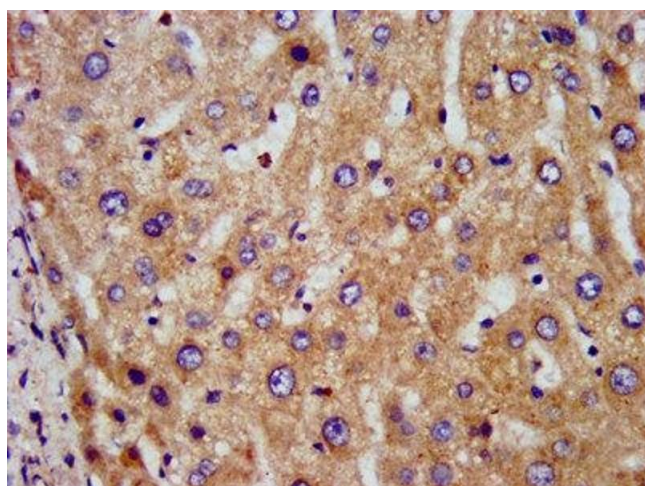
### Immunohistochemistry

**Image 1.** IHC image of ABIN7149912 diluted at 1:300 and staining in paraffin-embedded human adrenal gland tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



### Western Blotting

**Image 2.** Western Blot Positive WB detected in: Rat liver tissue, Rat kidney tissue All lanes: DLST antibody at 5.9 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 49, 40 kDa Observed band size: 49 kDa



### Immunohistochemistry

**Image 3.** IHC image of ABIN7149912 diluted at 1:300 and staining in paraffin-embedded human liver tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7149912.