

# DLST Rabbit Polyclonal Antibody



CAB13297

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## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

49kDa

### Calculated MW:

39kDa/48kDa

### Applications:

WB IHC IF

### Reactivity:

Human, Mouse, Rat

## Protein Background

This gene encodes a mitochondrial protein that belongs to the 2-oxoacid dehydrogenase family. This protein is one of the three components (the E2 component) of the 2-oxoglutarate dehydrogenase complex that catalyzes the overall conversion of 2-oxoglutarate to succinyl-CoA and CO<sub>2</sub>. Alternatively spliced transcript variants have been found for this gene.

## Immunogen information

### Gene ID:

1743

### Uniprot

P36957

### Synonyms:

DLST; DLTS

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:100 IF 1:50 - 1:100

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

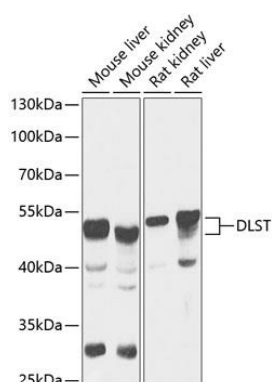
Recombinant fusion protein containing a sequence corresponding to amino acids 1-290 of human DLST (NP\_001924.2).

### Storage:

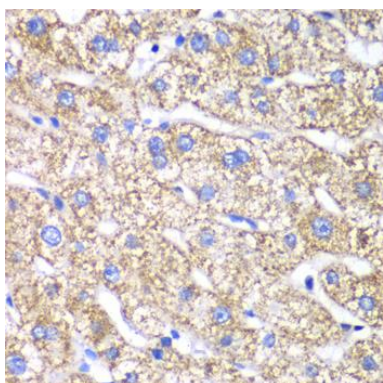
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

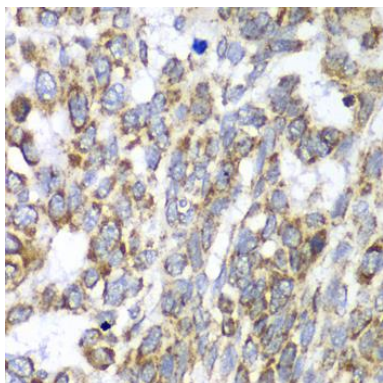
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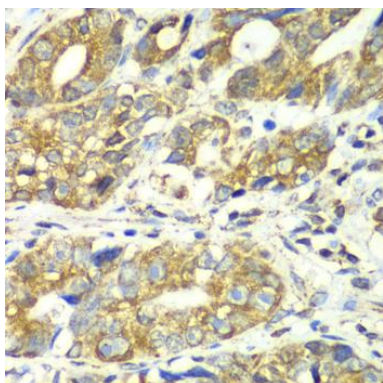
Western blot analysis of extracts of various cell lines, using DLST antibody (CAB13297) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.



Immunohistochemistry of paraffin-embedded human liver damage using DLST antibody (CAB13297) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human esophageal cancer using DLST antibody (CAB13297) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human gastric cancer using DLST antibody (CAB13297) at dilution of 1:100 (40x lens).