

## Rabbit DLST Polyclonal Antibody | anti-DLST antibody

Anti-DLST Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA261839</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

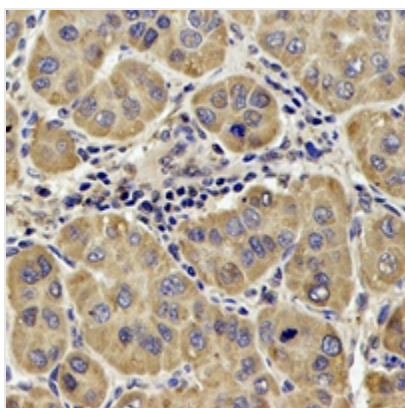
### PRODUCT SYNONYMS

DLST; Polyclonal Antibody; Anti-DLST Antibody; DLTS; Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex; mitochondrial; 2-oxoglutarate dehydrogenase complex component E2; OGDC-E2; Dihydrolipoamide succinyltransferase component of 2-oxoglutarate dehydrogenase complex; E2K; anti-DLST antibody

### PRODUCT SPECIFICATIONS

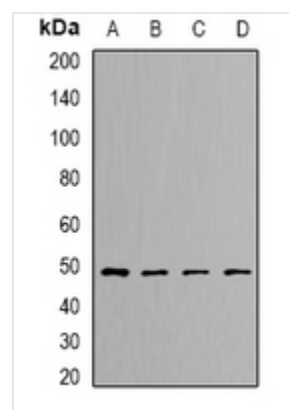
|                                                |                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                         |
| Reactivity                                     | Human, Mouse, Rat                                                                                              |
| Clonality                                      | Polyclonal                                                                                                     |
| Specificity                                    | Recognizes endogenous levels of DLST protein.                                                                  |
| Purity/Purification                            | The antibody was purified by immunogen affinity chromatography.                                                |
| Form/Format                                    | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.      |
| Sequence Length                                | 453                                                                                                            |
| Applicable Applications for anti-DLST antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                  |
| Immunogen                                      | Recombinant full length protein of human DLST                                                                  |
| Preparation and Storage                        | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of DLST staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody 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.



#### WB (Western Blot)

Western blot analysis of DLST expression in SKOV3 (A), Hela (B), mouse kidney (C), rat liver (D) whole cell lysates.

ADDITIONAL INFORMATION

|                                                    |                                    |
|----------------------------------------------------|------------------------------------|
| Related Product Information for anti-DLST antibody | Rabbit polyclonal antibody to DLST |
|----------------------------------------------------|------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 19923748                                                                                                                   |
| NCBI GeneID                      | 1743                                                                                                                       |
| NCBI Accession #                 | NP_001924.2                                                                                                                |
| NCBI GenBank Nucleotide #        | NM_001933.4                                                                                                                |
| UniProt Accession #              | P36957; Q7LDY7; Q9BQ32; B7Z5W8; E7ESY5                                                                                     |
| Molecular Weight                 | 39,553 Da                                                                                                                  |
| NCBI Official Full Name          | dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial isoform 1 |
| NCBI Official Synonym Full Names | dihydrolipoamide S-succinyltransferase                                                                                     |
| NCBI Official Symbol             | DLST                                                                                                                       |
| NCBI Official Synonym Symbols    | DLTS                                                                                                                       |
| NCBI Protein Information         | dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial           |
| UniProt Protein Name             | Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial           |
| UniProt Gene Name                | DLST                                                                                                                       |
| UniProt Synonym Gene Names       | DLTS; OGDC-E2                                                                                                              |
| UniProt Entry Name               | ODO2_HUMAN                                                                                                                 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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