

Datasheet for ABIN2788818
anti-DLST antibody (C-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	DLST
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DLST antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Sequence:	FADIERTITE LGEKARKNEL AIEDMDGGTF TISNGGVFGS LFGTPIINPP
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against DLST. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	DLST
Alternative Name:	DLST (DLST Products)
Background:	The 2-oxoglutarate dehydrogenase complex catalyzes the overall conversion of 2-oxoglutarate

Target Details

to succinyl-CoA and CO₂. It contains multiple copies of 3 enzymatic components: 2-oxoglutarate dehydrogenase (E1), dihydrolipoamide succinyltransferase (E2) and lipoamide dehydrogenase (E3).

Alias Symbols: DLTS

Protein Interaction Partner: UBC, MRPL40, MRPL39, MRPL15, OGDH, MRPL49, ATP5B, UBD, GRK5, NDRG1, DYRK2, SIAH2, UIMC1, USP13, RUSC2, ZBTB16, ZHX1, SCFD1, ARIH2, CCDC86, PAK4, DLG5, TUBB4B, FLII, UMPS, PFN2, NAP1L1,

Protein Size: 453

Molecular Weight: 50 kDa

Gene ID: 1743

NCBI Accession: [NM_001933](#), [NP_001924](#)

UniProt: [P36957](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 453 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

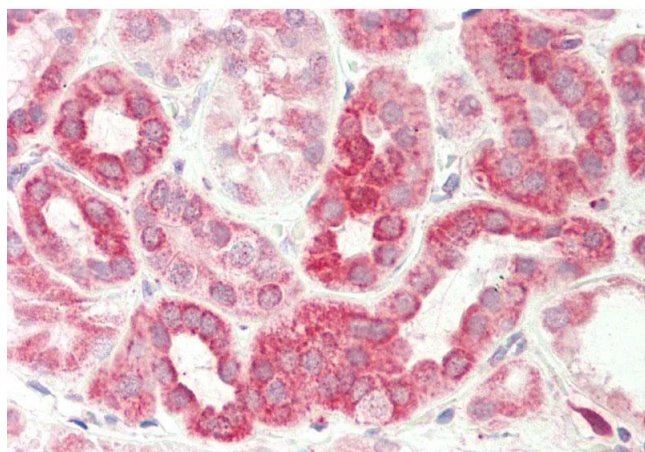
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freeze-thaw cycles.

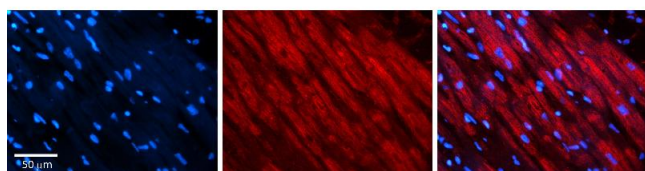
Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



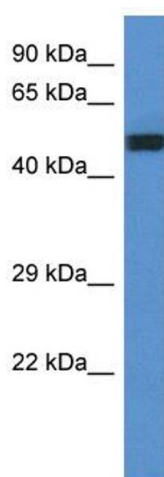
Immunohistochemistry

Image 1. Rabbit Anti-DLST antibody Catalog Number: ARP61476 Formalin Fixed Paraffin Embedded Tissue: Human Kidney Primary antibody Concentration: 1:200 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20x Exposure Time: 0.5-2.0sec



Immunohistochemistry

Image 2. Rabbit Anti-DLST Antibody Catalog Number: ARP61476_P050 Formalin Fixed Paraffin Embedded Tissue: Human heart Tissue Observed Staining: Cytoplasmic Primary Antibody Concentration: 1:100 Other Working Concentrations: N/A Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec



Western Blotting

Image 3. WB Suggested Anti-DLST Antibody Titration: 1.0 ug/ml Positive Control: Placenta

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2788818.