

Rabbit DLST Polyclonal Antibody | anti-DLST antibody

DLST antibody

CATALOG # AAA107796	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence
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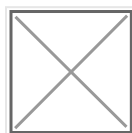
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

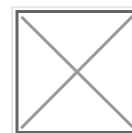
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	DLST antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.7 mg/ml (varies by lot)
Sequence Length	453
Applicable Applications for anti-DLST antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Biological Significance	The 2-oxoglutarate dehydrogenase complex catalyzes the overall conversion of 2-oxoglutarate to succinyl-CoA and CO. It contains multiple copies of 3 enzymatic components: 2-oxoglutarate dehydrogenase, dihydrolipoamide succinyltransferase and lipoamide dehydrogenase.
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



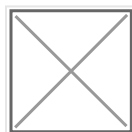
IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded RT2 xenograft using DLST antibody at a dilution of 1:500



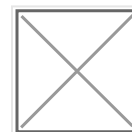
IF (Immunofluorescence)

Immunofluorescence analysis of methanol-fixed A431, using DLST antibody at 1:500 dilution.



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: A431) using a 10 % SDS PAGE gel and DLST antibody at a dilution of 1:1000



IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded Cal27 xenograft using DLST antibody at a dilution of 1:500

ADDITIONAL INFORMATION

Related Product Information for anti-DLST antibody	Affinity purified Rabbit polyclonal DLST antibody
Product Categories/Family for anti-DLST antibody	Proteases; Inhibitors; & Enzymes; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	48145571
NCBI GeneID	1743
UniProt Accession #	Q6IBS5; P36957
Molecular Weight	49 kDa
NCBI Official Full Name	DLST
NCBI Official Synonym Full Names	dihydrolipoamide S-succinyltransferase (E2 component of 2-oxo-glutarate complex)
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	DLST protein
UniProt Gene Name	DLST
UniProt Entry Name	Q6IBS5_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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dlst-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/107796>