

Rabbit anti-Human, Rat DLST Polyclonal Antibody | anti-DLST antibody

DLST Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234502	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

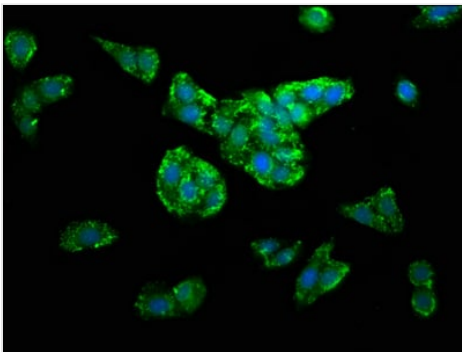
PRODUCT SYNONYMS

DLST; Polyclonal Antibody; DLST Antibody; 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; DLTS; anti-DLST antibody

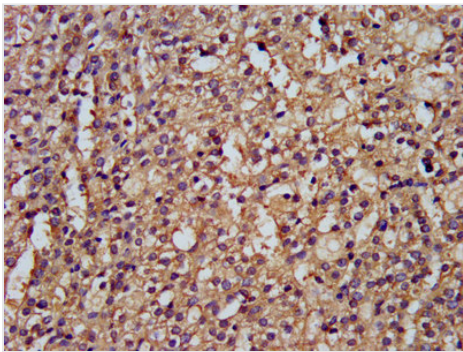
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	453
Applicable Applications for anti-DLST antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial protein (76-225AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

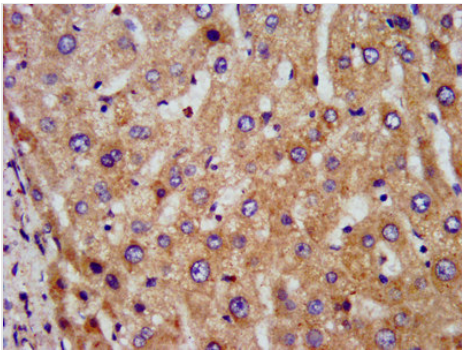
IMAGES



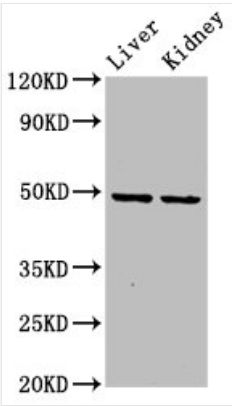
IF (Immunofluorescence)
Immunofluorescence staining of HepG2 cells with AAA234502 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)
IHC image of AAA234502 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 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)
IHC image of AAA234502 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 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)
Western Blot Positive WB detected in: Rat liver tissue, Rat kidney tissue All lanes: DLST antibody at 5.9ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 49, 40 KDa Observed band size: 49 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-DLST antibody	The 2-oxoglutarate dehydrogenase complex catalyzes the overall conversion of 2-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).
Product Categories/Family for anti-DLST antibody	Cancer; Metabolism; Signal Transduction

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

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-immunofluorescence-immunohistochemistry-western-blot-elisa/234502>