

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

Rabbit anti-DLST Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212611	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

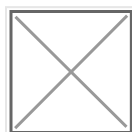
PRODUCT SYNONYMS

DLST; Polyclonal Antibody; Rabbit anti-DLST Antibody; Affinity Purified; E2K; Dihydrolipoamide succinyltransferase component of 2-oxoglutarate dehydrogenase complex; OGDC-E2; 2-oxoglutarate dehydrogenase complex component E2; DLTS; dihydrolipoamide S-succinyltransferase (E2 component of 2-oxo-glutarate complex); dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex; mitochondrial; Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex; dihydrolipoamide S-succinyltransferase; anti-DLST antibody

PRODUCT SPECIFICATIONS

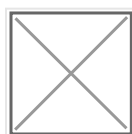
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-DLST antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 50 and 100
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



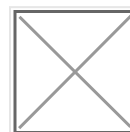
WB (Western Blot)

Detection of human and mouse DLST by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells. Antibodies: Affinity purified rabbit anti-DLST antibody AAA212611 (lot AAA212611-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



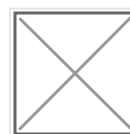
IHC (Immunohistochemistry)

Detection of human DLST by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-DLST (Cat. No. AAA212611 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB



IP (Immunoprecipitation)

Detection of human DLST by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells. Antibodies: Affinity purified rabbit anti-DLST antibody AAA212611 (lot AAA212611-1) used for IP at 6 ug per reaction. For blotting immunoprecipitated DLST, AAA212611 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



IHC (Immunohistochemistry)

Detection of human DLST by immunohistochemistry. Sample: FFPE section of human lung cancer. Antibody: Affinity purified rabbit anti-DLST (Cat. No. AAA212611 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-DLST antibody	DLST is 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(2) [taken from NCBI Entrez Gene (Gene ID: 1743)].
Product Categories/Family for anti-DLST antibody	Primary Antibodies

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 (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; E2K; OGDC-E2
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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dlst-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212611>