

Rabbit DLST Polyclonal Antibody | anti-DLST antibody

DLST antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201097	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Immunohistochemistry, Western Blot

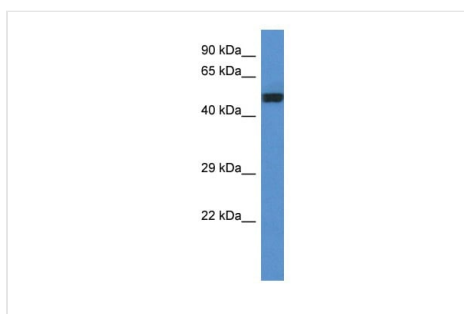
PRODUCT SYNONYMS

DLST; Polyclonal Antibody; DLST antibody - C-terminal region; anti-DLST antibody

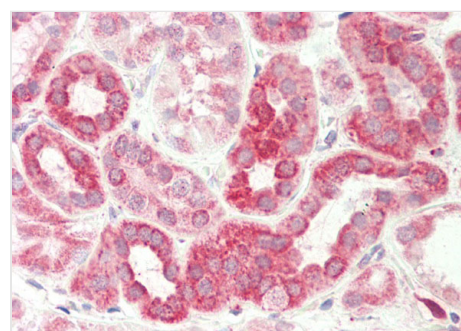
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: FA DIERTITELG EKARKNELAI EDMGGTFTI SNGGVFGSLF GTPIINPP
Sequence Length	453
Applicable Applications for anti-DLST antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

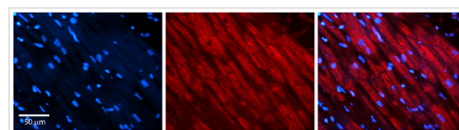
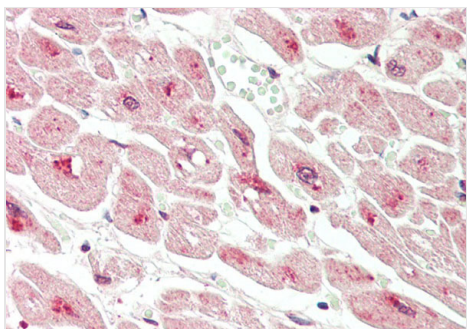
IMAGES


WB (Western Blot)

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


IHC (Immunohistochemistry)

Rabbit Anti-DLST antibody (AAA201097) 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



IHC (Immunohistochemistry)

Rabbit Anti-DLST Antibody(AAA201097) Formalin Fixed Paraffin Embedded Tissue: Human heart TissueObserved Staining: CytoplasmicPrimary Antibody Concentration: 1:100Other Working Concentrations: N/ASecondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody Concentration: 1:200Magnification: 20XExposure Time: 0.5 - 2.0 sec

IHC (Immunohistochemistry)

Rabbit Anti-DLST antibody(AAA201097) Formalin Fixed Paraffin Embedded Tissue: Human HeartPrimary antibody Concentration: 1:200Secondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody Concentration: 1:200Magnification: 20XExposure Time: 0.5-2.0sec

ADDITIONAL INFORMATION

Related Product Information for anti-DLST antibody	This is a rabbit polyclonal antibody against DLST. It was validated on Western Blot Target Description: 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	Polyclonal ; Neurobiology ; Transcription Regulation ; Protein Kinases ; Drugs and Drug Metabolism ; Immunology ; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923748
NCBI GeneID	1743
NCBI Accession #	NP_001924
NCBI GenBank Nucleotide #	NM_001933
UniProt Accession #	P36957
Molecular Weight	50kDa
NCBI Official Full Name	dihydrolipoalysine-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	dihydrolipoalysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial
UniProt Protein Name	Dihydrolipoalysine-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.