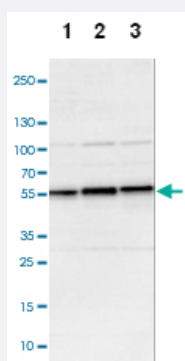


DLST polyclonal antibody

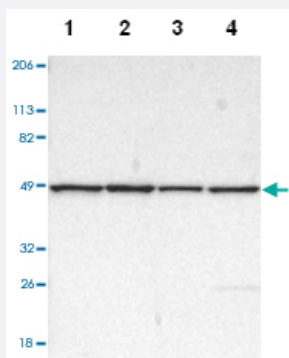
Catalog # PAB28629 Size 100 uL

Applications



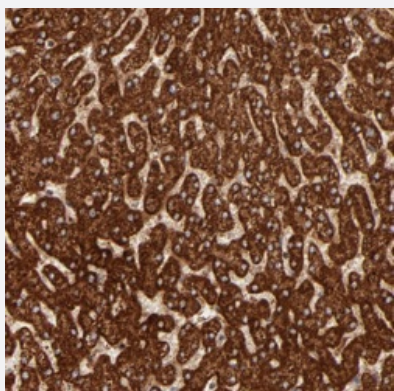
Western Blot (Cell lysate)

Western blot analysis of Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells), Lane 2: NBT-II cell lysate (Rat Wistar bladder tumour cells), Lane 3: PC12 cell lysate (Pheochromocytoma of rat adrenal medulla) with DLST polyclonal antibody (Cat # PAB28629).



Western Blot

Western blot analysis of Lane 1: Human cell line RT-4, Lane 2: Human cell line U-251MG sp, Lane 3: Human cell line A-431, Lane 4: Human liver tissue with DLST polyclonal antibody (Cat # PAB28629).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human liver with DLST polyclonal antibody (Cat # PAB28629) shows strong cytoplasmic positivity in hepatocytes.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant DLST.
Immunogen	Recombinant protein corresponding to amino acids of human DLST.
Sequence	QNTCAMLTTFNEIDMSNIQEMRARHKEAFLKKHNLKLGFM SAFVKASAFALQE QPVVNAVIDDTT KEVVYRDYDISVAVATPRGLVVPVIRNVEAMNFADIERTITELGEKARKNELAIEDMDGGTFTISNG GVFGSLFGTPII
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200-1:500) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells), Lane 2: NBT-II cell lysate (Rat Wistar bladder tumour cells), Lane 3: PC12 cell lysate (Pheochromocytoma of rat adrenal medulla) with DLST polyclonal antibody (Cat # PAB28629).

- Western Blot

Western blot analysis of Lane 1: Human cell line RT-4, Lane 2: Human cell line U-251MG sp, Lane 3: Human cell line A-431, Lane 4: Human liver tissue with DLST polyclonal antibody (Cat # PAB28629).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — DLST

Entrez GeneID	1743
Protein Accession#	B7Z5W8
Gene Name	DLST
Gene Alias	DLTS
Gene Description	dihydrolipoamide S-succinyltransferase (E2 component of 2-oxo-glutarate complex)
Omim ID	126063
Gene Ontology	Hyperlink
Other Designations	-

Pathway

- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Biosynthesis of alkaloids derived from ornithine](#)
- [Biosynthesis of alkaloids derived from shikimate pathway](#)
- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Biosynthesis of phenylpropanoids](#)
- [Biosynthesis of plant hormones](#)
- [Biosynthesis of terpenoids and steroids](#)
- [Citrate cycle \(TCA cycle\)](#)
- [Lysine degradation](#)
- [Metabolic pathways](#)

Disease

- [Alcoholism](#)

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Cognition Disorders](#)
- [Diabetes Complications](#)
- [Genetic Predisposition to Disease](#)
- [Korsakoff Syndrome](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Tobacco Use Disorder](#)