

Datasheet for ABIN2777101
anti-DLAT antibody (N-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	DLAT
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Dog, Zebrafish (Danio rerio), Cow, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DLAT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human DLAT
Sequence:	WTPSSGATPR NRLLQLLGS PGRRYYSLPP HQKVPLPSLS PTMQAGTIAR
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against DLAT. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	DLAT
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Target Details

Alternative Name:	DLAT (DLAT Products)
Background:	<p>DLAT is dihydrolipoamide acetyltransferase, the E2 subunit of the mammalian pyruvate dehydrogenase complex of the inner mitochondrial membrane. Patients with primary biliary cirrhosis show autoantibodies to DLAT. The DLAT gene encodes dihydrolipoamide acetyltransferase (EC 2.3.1.12), the E2 subunit of the mammalian pyruvate dehydrogenase complex (PDC, EC 1.2.4.1) of the inner mitochondrial membrane. Patients with primary biliary cirrhosis (PBC, MIM 109720) show autoantibodies to DLAT. [supplied by OMIM].</p> <p>Alias Symbols: DLTA, PDC-E2, PDCE2</p> <p>Protein Interaction Partner: MDM2, UBC, ADRB2, PRKD3, PDHX, MMGT1, MRPL1, ACAD9, SYNCRIP, PDHA2, PDHA1, OGDH, NDUFS4, HSPA1L, DLD, COX5B, COPS5, CUL1, SIRT7, TSG101, KIAA0101, PSMA3, PDK4, PDK3, PDK2, PDK1, PDHB,</p> <p>Protein Size: 647</p>
Molecular Weight:	69 kDa
Gene ID:	1737
NCBI Accession:	NM_001931 , NP_001922
UniProt:	P10515

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 647 AA
Restrictions:	For Research Use only

Handling

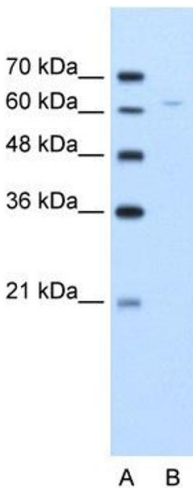
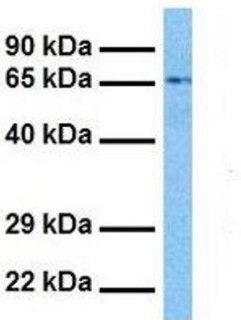
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

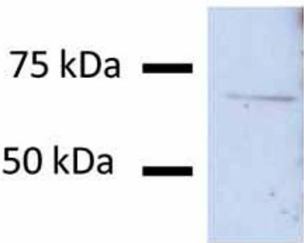
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

DLAT



DLAT



See Immunoblot 2 for more information.

Western Blotting

Image 1. Host: Rabbit Target Name: DLAT Sample Tissue: Human Jurkat Antibody Dilution: 1.0ug/ml

Western Blotting

Image 2. WB Suggested Anti-DLAT Antibody Titration: 5.0ug/ml Positive Control: Jurkat cell lysate

Western Blotting

Image 3. Sample Type: Huh7 lysate (50ug)
Primary Antibody Dilution: 1:200
Image Submitted By: Partha Kasturi
University of Kansas Medical Center

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2777101.