

Anti-DLAT antibody (87-270) (STJ116741)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

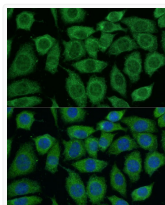
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:100 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 69kDa Observed Mw: 69kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

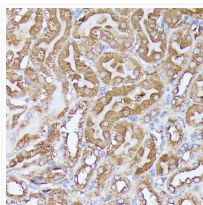
Gene ID	1737
Gene Symbol	DLAT
UniProt ID	ODP2_HUMAN
Immunogen Region	87-270
Immunogen Sequence	SLPPHQKVPLPSLSPTMQAG TIARWEKKEGDKINEGDLIA EVETDKATVGFESLEECYMA KILVAEGTRDVPVIGAIICIT VGKPEDIEAFKNYTLDSAA PTPQAAPAPTPAATASPPTP SAQAPGSSYPHMQVLLPAL SPTMTMGTVQRWEKKVGEKL SEGDLLAEIETDKATIGFEV QEEG
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 87-270 of human DLAT (NP_001922.2).

ADDITIONAL INFORMATION

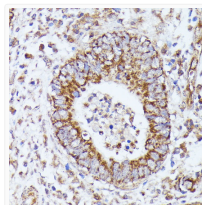
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



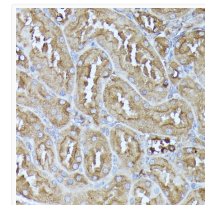
Immunofluorescence analysis of L929 cells using DLAT antibody (STJ116741) at dilution of 1:100. Blue: DAPI for nuclear staining.



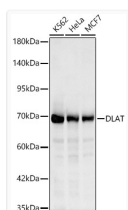
Immunohistochemistry analysis of paraffin-embedded mouse kidney using DLAT antibody (STJ116741) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using DLAT antibody (STJ116741) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat kidney using DLAT antibody (STJ116741) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates, using DLAT Rabbit polyclonal antibody (STJ116741) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.