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## LIPT1 Rabbit pAb

Catalog Number: bs-18298R

Target Protein: LIPT1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ICC/IF (1:100-500)

Reactivity: (predicted:Human, Mouse, Rat, Rabbit, Sheep, Cow, Dog, Horse)

Predicted MW: 41 kDa

Subcellular: Cytoplasm

Locations:

Entrez Gene: 51601

Swiss Prot: Q9Y234

Source: KLH conjugated synthetic peptide derived from human LIPT1: 101-200/373.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** The process of transferring lipoic acid to proteins is a two-step process. The first step is the activation of lipoic acid by lipoate-activating enzyme to form lipoyl-AMP. For the second step, the protein encoded by this gene transfers the lipoyl moiety to apoproteins. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 13. Read-through transcription also exists between this gene and the neighboring downstream mitochondrial ribosomal protein L30 (MRPL30) gene. [provided by RefSeq, Mar 2011]

### PRODUCT SPECIFIC PUBLICATIONS

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[IF=8.786] Mingyi Yang. et al. A novel signature to guide osteosarcoma prognosis and immune microenvironment: Cuproptosis-related lncRNA. FRONT IMMUNOL. 2022; 13: 919231 WB,IHC ; Human . 35967366

[IF=5.6] Yang Xiaolin. et al. Cuproptosis-related genes signature and validation of differential expression and the potential targeting drugs in temporal lobe epilepsy. FRONT PHARMACOL. 2023 Jun;14: IHC ; Human . 37435496

[IF=3.5] Xiaoxuan Zhao. et al. Demystifying the Landscape of Endometrial Immune Microenvironment in Luteal-Phase from Cuproptosis:

