bs-18298R **[Primary Antibody]**

LIPT1 Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 51601 **SWISS:** Q9Y234

Target: LIPT1

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

Purification: affinity purified by Protein A

Concentration: 1mg/ml

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]

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 Location: Cytoplasm

SELECTED CITATIONS

- **[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 Cuprotosis: Implications for the Mechanism and Treatment of RPL. GENE. 2024 Jan;:148191 IF ;Mouse. 38253297