

Anti-LIPT1 Polyclonal Antibody

Product Details

| | |
|-------------------|--|
| Ig Type: | IgG |
| Reactivity: | (predicted:Human,Mouse,Rat,Dog,Cow,Horse,Rabbit,Sheep) |
| Molecular Weight: | Theoretical: 41 kDa. |
| Purification: | Protein A purified |

Applications

| | |
|--------------|---|
| Application: | IHC-P,IHC-Fr,ICC/IF,IF |
| Recommended | IHC-P: 1:100-500; IHC-Fr: 1:100-500; ICC/IF: 1:100-500; IF: 1:100-500 |

Properties

| | |
|----------------------|---|
| Stability & Storage: | Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping: | Shipping with blue ice. |

Antigen Details

| | |
|------------------|--|
| Immunogen: | KLH conjugated synthetic peptide: human LIPT1 |
| Antigen Species: | Human |
| Gene ID: | 51601 |
| Uniprot ID: | Q9Y234 |
| Synonyms: | Lipoyl amidotransferase LIPT1, mitochondrial;mitochondrial;Lipoate biosynthesis protein; Lipoyltransferase 1;Lipoate-protein ligase;Lipoyl ligase;LIPT1 |

Research 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]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481