

**LIAS Antibody (C-Term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP22190b****Specification**

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**LIAS Antibody (C-Term) - Product Information**

|                   |                                                                                                   |
|-------------------|---------------------------------------------------------------------------------------------------|
| Application       | WB,E                                                                                              |
| Primary Accession | <a href="#">O43766</a> , <a href="#">Q5XIH4</a> , <a href="#">Q99M04</a>                          |
| Other Accession   | <a href="#">Q5BIP7</a> , <a href="#">Q6GO48</a> , <a href="#">Q6PHG4</a> , <a href="#">O43766</a> |
| Reactivity        | Mouse, Rat                                                                                        |
| Predicted         | Bovine, Human, Xenopus                                                                            |
| Host              | Rabbit                                                                                            |
| Clonality         | polyclonal                                                                                        |
| Isotype           | Rabbit IgG                                                                                        |

**LIAS Antibody (C-Term) - Additional Information****Other Names**

Lipoyl synthase, mitochondrial {ECO:0000255|HAMAP-Rule:MF\_03123}, 2.8.1.8  
{ECO:0000255|HAMAP-Rule:MF\_03123}, Lipoate synthase  
{ECO:0000255|HAMAP-Rule:MF\_03123}, LS {ECO:0000255|HAMAP-Rule:MF\_03123}, Lip-syn  
{ECO:0000255|HAMAP-Rule:MF\_03123}, Lipoic acid synthase  
{ECO:0000255|HAMAP-Rule:MF\_03123}, LIAS {ECO:0000255|HAMAP-Rule:MF\_03123}, LAS

**Target/Specificity**

This LIAS antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 298-330 amino acids from human LIAS.

**Dilution**

WB~~1:2000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

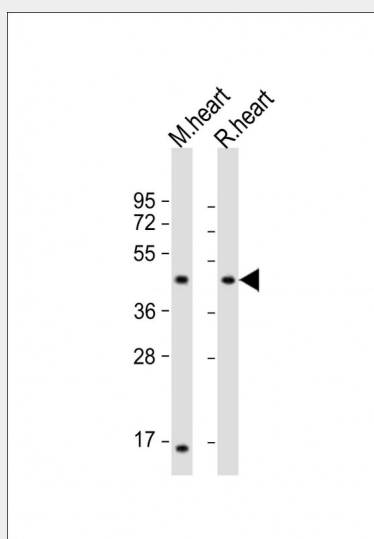
LIAS Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**LIAS Antibody (C-Term) - Protein Information****LIAS Antibody (C-Term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### LIAS Antibody (C-Term) - Images



All lanes : Anti-LIAS Antibody (C-Term) at 1:2000 dilution Lane 1: mouse heart lysate Lane 2: rat heart lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 42 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

#### LIAS Antibody (C-Term) - Background

Catalyzes the radical-mediated insertion of two sulfur atoms into the C-6 and C-8 positions of the octanoyl moiety bound to the lipoyl domains of lipoate-dependent enzymes, thereby converting the octanoylated domains into lipoylated derivatives.

#### LIAS Antibody (C-Term) - References

Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Hillier L.W.,et al.Nature 434:724-731(2005).  
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.  
Stanchi F.,et al.Yeast 18:69-80(2001).  
Mayr J.A.,et al.Am. J. Hum. Genet. 89:792-797(2011).