

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

Specification

LIAS Antibody (C-Term) - Product Information

Application	WB,E
Primary Accession	Q43766 , Q5XIH4 , Q99M04
Other Accession	Q5BIP7 , Q6GO48 , Q6PHG4 , Q43766
Reactivity Predicted	Mouse, Rat 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

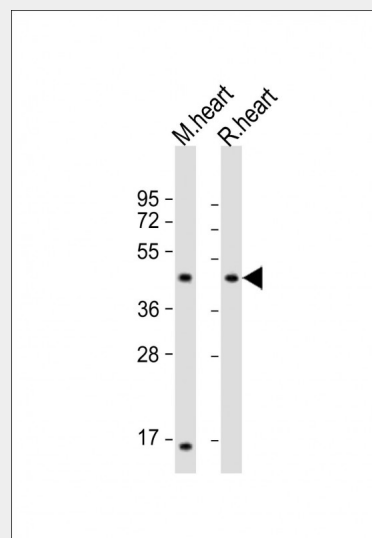
This LIAS antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 298-330 amino acids from human LIAS.

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.



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).

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](#)