

**LIAS antibody - C-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI12935****Specification**

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**LIAS antibody - C-terminal region - Product Information**

|                   |                                                                             |
|-------------------|-----------------------------------------------------------------------------|
| Application       | WB                                                                          |
| Primary Accession | <a href="#">O43766</a>                                                      |
| Other Accession   | <a href="#">NM_006859</a> , <a href="#">NP_006850</a>                       |
| Reactivity        | Human, Mouse, Rat, Rabbit, Zebrafish, Horse, Yeast, Bovine, Guinea Pig, Dog |
| Predicted         | Human, Mouse, Rat, Rabbit, Zebrafish, Chicken, Horse, Dog                   |
| Host              | Rabbit                                                                      |
| Clonality         | Polyclonal                                                                  |
| Calculated MW     | 39kDa KDa                                                                   |

**LIAS antibody - C-terminal region - Additional Information****Gene ID** 11019**Alias Symbol** **HUSSY-01, LAS, LIP1, MGC23245, LS, PDHLD****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

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-LIAS antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

LIAS antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**LIAS antibody - C-terminal region - Protein Information****Name** LIAS {ECO:0000255|HAMAP-Rule:MF\_03123}**Synonyms** LAS**Function**

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.

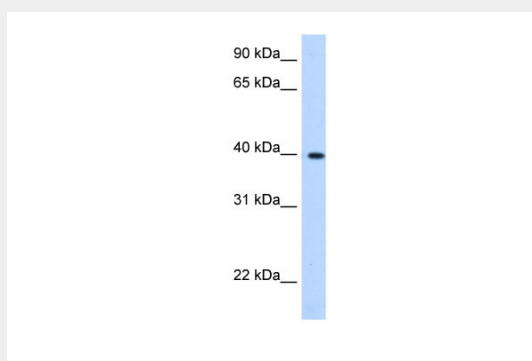
**Cellular Location**

Mitochondrion {ECO:0000255|HAMAP-Rule:MF\_03123}.

**LIAS antibody - C-terminal region - 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-terminal region - Images**

WB Suggested Anti-LIAS Antibody Titration: 0.2-1  $\mu$ g/ml

Positive Control: LN18 cell lysate

LIAS is supported by BioGPS gene expression data to be expressed in LN18

**LIAS antibody - C-terminal region - References**

Morikawa, T., (2001) FEBS Lett. 498(1), 16-21 Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.