

LIAS antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12934**Specification**

LIAS antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O43766
Other Accession	NM_006859 , NP_006850
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Chicken, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39kDa KDa

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

LIAS antibody - N-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.

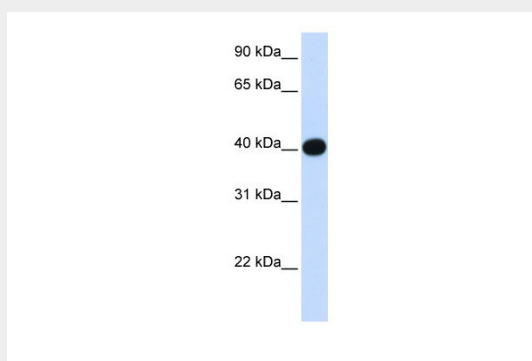
Cellular Location

Mitochondrion {ECO:0000255|HAMAP-Rule:MF_03123}.

LIAS antibody - N-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 - N-terminal region - Images

WB Suggested Anti-LIAS Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:12500

Positive Control: Human Muscle

LIAS antibody - N-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.