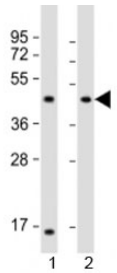
LIAS Antibody / Lipoic acid synthetase (F53987)

Catalog No.	Formulation	Size
F53987-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F53987-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Predicted Reactivity	Bovine
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	O43766
Applications	Western blot: 1:1000-2000
Limitations	This LIAS antibody is available for research use only.



Western blot testing of 1) mouse heart and 2) rat heart lysate with LIAS antibody at 1:2000. Predicted molecular weight: 42 kDa.

Description

Lipoic acid synthetase 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.

Application Notes

Titration of the LIAS antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 298-330 from the human protein was used as the immunogen for the LIAS antibody.

Storage

Aliquot the LIAS antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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