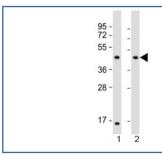


LIAS Antibody / Lipoic acid synthetase (F53987)

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
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.