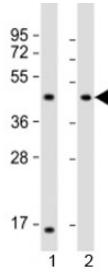


LIAS Antibody / Lipoic acid synthetase (F53987)

| 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.