

# Lipoic acid synthetase antibody

Catalog No: #22243

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

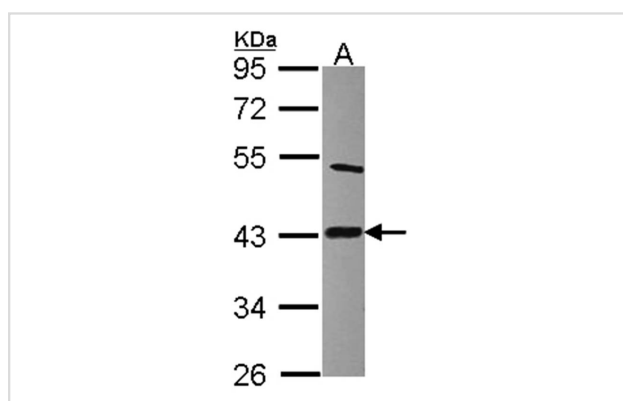
Product Name	Lipoic acid synthetase antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 54 and 268 of Lipoic acid synthetase
Target Name	Lipoic acid synthetase
Accession No.	NCBI Gene ID: 11019NCBI mRNA#: BC023635NCBI Protein#: AAH23635
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 20% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

## Application Details

Predicted MW: 42kd

Western blotting: 1:500-1:3000

## Images



Sample (30 ug of whole cell lysate)  
 A: Raji  
 10% SDS PAGE  
 Primary antibody diluted at 1: 2000

## Background

The protein encoded by this gene belongs to the biotin and lipoic acid synthetases family. It localizes in mitochondrion and plays an important role in alpha-(+)-lipoic acid synthesis. It may also function in the sulfur insertion chemistry in lipoate biosynthesis. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified. [provided by RefSeq]

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.