

Product datasheet for **TA308126**

LIAS Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB:1:500-1:3000
Reactivity:	Human (Predicted: Mouse, Pig, Rat, Xenopus, Zebrafish, Bovine, X. tropicalis)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment contain a sequence corresponding to a region within amino acids 54 and 258 of Lipoic acid synthetase (Uniprot ID#O43766)
Formulation:	0.1M Tris, 0.1M Glycine, 20% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	42 kDa
Gene Name:	lipoic acid synthetase
Database Link:	NP_919433 Entrez Gene 79464 Mouse Entrez Gene 305348 Rat Entrez Gene 11019 Human O43766
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]
Synonyms:	HGCLAS; HUSSY-01; LAS; LIP1; LS; PDHLD

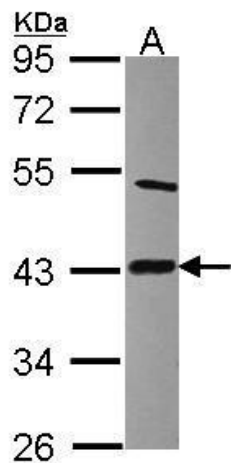


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Note: Seq homology of immunogen across species: Mouse (93%), Pig (95%), Rat (93%), Xenopus laevis (86%), Zebrafish (89%), Bovine (96%), Xenopus tropicalis (86%)

Protein Pathways: Lipoic acid metabolism, Metabolic pathways

Product images:



Sample (30 ug of whole cell lysate). A: Raji. 10% SDS PAGE. TA308126 diluted at 1:2000.