

Product datasheet for **TA346862**

LIAS Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-LIAS antibody: synthetic peptide directed towards the N terminal of human LIAS. Synthetic peptide located within the following region: LLQNGPDLQDFVSGDLADRSTWDEYKGNLKRQKGERLRLPPWLKTEIPMG
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	39 kDa
Gene Name:	lipoic acid synthetase
Database Link:	NP_006850 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, Jul 2008]
Synonyms:	HGCLAS; HUSSY-01; LAS; LIP1; LS; PDHLD

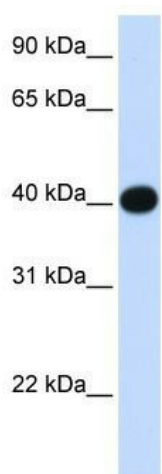


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Note: Immunogen Sequence Homology: Dog: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Pig: 93%; Guinea pig: 92%; Zebrafish: 79%

Protein Pathways: Lipoic acid metabolism, Metabolic pathways

Product images:



WB Suggested Anti-LIAS Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:12500; Positive Control: Human Muscle