

## **Product Data Sheet**

## **Anti-LIAS Antibody**

Catalog #	Source	Reactivity	Applications		
-		-			
CQA9754	Rabbit	H, M, R	WB		
Description		Rabbit polyclonal antibody to	LIAS		
Immunogen		KLH-conjugated synthetic pe	otide encompassing a sequence within the Central		
		region of human LIAS. The ex	act sequence is proprietary.		
Purification		The antibody was purified by	immunogen affinity chromatography.		
Specificity		Recognizes endogenous leve	s of LIAS protein.		
Clonality		Polyclonal			
Conjugation					
Form		Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol,			
		and 0.01% sodium azide.			
Dilution		WB (1/500 - 1/1000)			
Gene Symbol		LIAS			
Alternative Na	ames	LAS; Lipoyl synthase, mitoche	ondrial; Lipoate synthase; LS; Lip-syn; Lipoic acid		
		synthase			
Entrez Gene		11019 (Human); 79464 (Mou	se); 305348 (Rat)		
SwissProt		O43766 (Human); Q99M04 (	Mouse); Q5XIH4 (Rat)		
Storage/Stabi	lity	Shipped at 4°C. Upon deliver	y aliquot and store at -20°C for one year. Avoid		
		freeze/thaw cycles.			

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC-Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb-Rabbit, S- Sheep, Z- Zebrafish

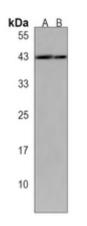
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Western blot analysis of LIAS expression in mouse heart (A), rat heart (B) whole cell lysates. (Predicted band size: 41 kD; Observed band size: 42 kD)

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