

Porcine LIP Antibody Pair Set

Catalog No.	E-KAB-0613	Applications	ELISA
Synonyms	CCAAT;enhancer-binding protein beta;Alpha-1-acid glycoprotein/enhancer binding protein;Interleukin 6-dependent DNA-binding protein (IL-6DBP);Nuclear factor of interleukin 6 (NF-IL6);Liver-enriched transcriptional activator protein (LAP)		

Kit components & Storage

Title	Specifications	Storage
Porcine LIP Capture Antibody	1 vial, 100 µg	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Porcine LIP Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20℃ for one year. Avoid freeze/thaw cycles.

Note: Centrifuge before opening to ensure complete recovery of vial contents.

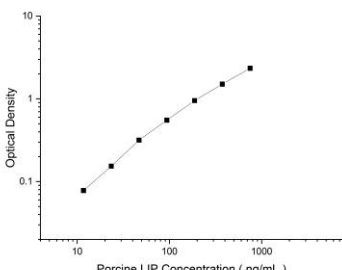
Product Information

Items		Characteristic (E-KAB-0613)	
		Porcine LIP Capture Antibody	Porcine LIP Detection Antibody (Biotin)
Immunogen Information	Immunogen	Natural Porcine LIP protien	Natural Porcine LIP protien
	Swissprot	/	/
Product details	Reactivity	Porcine	Porcine
	Host	Rabbit	Rabbit
	Conjugation	Unconjugated	Biotin
	Concentration	0.5 mg/mL	/
	Buffer	PBS with 0.04% Proclin 300; 50% glycerol; pH 7.5	PBS with 0.04% Proclin 300; 1% protective protein; 50% glycerol; pH 7.5
	Purify	Antigen Affinity	Antigen Affinity
	Specificity	Detects Porcine LIP in ELISAs.	

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Applications

Porcine LIP Sandwich ELISA Assay

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 µg/mL	Porcine LIP Capture Antibody	
ELISA Detection	1:1000-1:10000	Porcine LIP Detection Antibody (Biotin)	

Note: This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

Background

C/EBP β (also known as CCAAT/enhancer-binding protein beta, interleukin 6-dependent DNA-binding protein, and nuclear factor of interleukin 6 [NF-IL6]) is a member of the basic leucine zipper C/EBP transcription factor family. C/EBP has three isoforms that include C/EBP β , LAP, and LIP (35 kD, 32 kD, and 20 kD, respectively). This protein is localized in the nucleus and functions as a transcription factor in immune, inflammatory, acute-phase, cytokine, collagen type I gene expression. It is upregulated by growth hormones and has been shown to interact with CEBP- α , CEBP- δ , CEBP- γ , CEBP- ϵ , and CEBP- ζ . The C/EBP β protein can be modified by phosphorylation and ubiquitination. The 1H7 monoclonal antibody has been reported to be useful for Western blotting, immunoprecipitation, and immunofluorescence of mouse and rat C/EBP β , LIP, and LAP isoforms. The 1H7 antibody does not recognize human C/EBP β , LIP or LAP.

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