

## Rat ALB Antibody Pair Set

**Catalog No.** E-KAB-0641

**Applications**

ELISA

**Synonyms** Serum albumin; Alb; Alb1; Alb-1

### Kit components & Storage

Title	Specifications	Storage
Rat ALB Capture Antibody	1 vial, 100 µg	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Rat ALB 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.

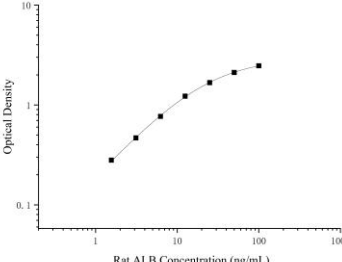
### Product Information

Items		Characteristic (E-KAB-0641)	
		Rat ALB Capture Antibody	Rat ALB Detection Antibody (Biotin)
Immunogen Information	Immunogen	Natural Rat ALB protien	Natural Rat ALB protien
	Swissprot	P02770	
Product details	Reactivity	Rat	Rat
	Host	Sheep	Sheep
	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 Rat ALB in ELISAs.	

### For Research Use Only

## Applications

### Rat ALB Sandwich ELISA Assay

	Recommended Concentration/Dilution	Reagent	Images																
ELISA Capture	0.5-4 µg/mL	Rat ALB Capture Antibody	 <table><caption>Approximate data points from the standard curve</caption><thead><tr><th>Rat ALB Concentration (ng/mL)</th><th>Optical Density</th></tr></thead><tbody><tr><td>1</td><td>0.2</td></tr><tr><td>2</td><td>0.4</td></tr><tr><td>5</td><td>1.0</td></tr><tr><td>10</td><td>2.0</td></tr><tr><td>20</td><td>4.0</td></tr><tr><td>50</td><td>6.0</td></tr><tr><td>100</td><td>8.0</td></tr></tbody></table>	Rat ALB Concentration (ng/mL)	Optical Density	1	0.2	2	0.4	5	1.0	10	2.0	20	4.0	50	6.0	100	8.0
Rat ALB Concentration (ng/mL)	Optical Density																		
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ELISA Detection	1:1000-1:10000	Rat ALB Detection Antibody (Biotin)																	

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

## Background

SerpinB11 (serpin peptidase inhibitor , clade B (ovalbumin) , member 11) , also known as EPIPIN or SERPIN11 , is a 392 amino acid cytoplasmic protein that belongs to the Ov-serpin subfamily and serpin family. Like other members of the serpin family , SerpinB11 has been identified as a noninhibitory intracellular protein. The gene encoding SerpinB11 maps to human chromosome 18 , which houses over 300 protein-coding genes and contains nearly 76 million bases. There are a variety of diseases associated with defects in chromosome 18-localized genes , some of which include Trisomy 18 (also known as Edwards syndrome) , Niemann-Pick disease , hereditary hemorrhagic telangiectasia , erythropoietic protoporphyria and follicular lymphomas.

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