



# Anti-Albumin polyclonal antibody [FITC] (CPBT-66070SR)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Sheep anti Rat albumin antibody recognizes rat albumin, a soluble protein which constitutes approximately 50% of blood serum protein, acting as a regulator of blood colloidal osmotic pressure and hence blood volume. albumin is also an important transporter of substances within the bloodstream, such as fatty acids, thyroid hormones, metal ions and steroids.
<b>Specificity</b>	ALB
<b>Target</b>	Albumin
<b>Immunogen</b>	Native albumin from rat serum
<b>Isotype</b>	IgG
<b>Source/Host</b>	Sheep
<b>Species Reactivity</b>	Rat, Bovine
<b>Conjugate</b>	FITC
<b>Applications</b>	ELISA; IF
<b>Format</b>	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
<b>Size</b>	1 mg
<b>Preservative</b>	See individual product datasheet
<b>Storage</b>	in frost-free freezers is not recommended. This product should be stored undiluted. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

# GENE INFORMATION

Gene Name	<a href="#">Alb albumin [ Rattus norvegicus (Norway rat) ]</a>
Official Symbol	ALB
Synonyms	ALB; albumin; Alb1; Albza; serum albumin;
Entrez Gene ID	<a href="#">24186</a>
Protein Refseq	<a href="#">NP_599153</a>
UniProt ID	P02770
Chromosome Location	14p22
Pathway	Bile acid and bile salt metabolism; Binding and Uptake of Ligands by Scavenger Receptors; HDL-mediated lipid transport; Hemostasis; Lipid digestion, mobilization, and transport; Lipoprotein metabolism; Metabolism; Metabolism of lipids and lipoproteins;
Function	DNA binding; chaperone binding; drug binding; enzyme binding; fatty acid binding; contributes_to oxygen binding; pyridoxal phosphate binding; toxic substance binding; zinc ion binding;