CD Creative Diagnostics®

Anti-Albumin polyclonal antibody [HRP] (CPBT-67281SB)

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

PRODUCT INFORMATION

Product Overview	Sheep anti Bovine albumin antibody recognizes bovine albumin (BSA), 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. BSA is produced as a by-product of the beef industry and can be used as a nutrient in cell cultures, as an enzyme stabilizer during DNA digestion, and as a diluent or blocking agent in immunohistochemistry and Enzyme-Linked Immunosorbent Assays (ELISAs).
Specificity	ALB
Target	Albumin
Immunogen	Native, from cow
Isotype	IgG
Source/Host	Sheep
Species Reactivity	Bovine
Conjugate	HRP
Applications	ELISA
Format	Purified IgG - liquid
Size	1 ml
Preservative	None
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. 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	ALB albumin [Bos taurus (cattle)]
Official Symbol	ALB
Synonyms	ALB; serum albumin; BSA;
Entrez Gene ID	280717
Protein Refseq	NP_851335
UniProt ID	P02769
Chromosome Location	chromosome: 6
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; fatty acid binding; metal ion binding; contributes_to oxygen binding; pyridoxal phosphate binding; toxic substance binding;