



# Anti-Lipoprotein a polyclonal antibody (CPBT-65872GH)

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

## PRODUCT INFORMATION

### Product Overview

This product recognizes human Apolipoprotein(a), also known as Apo(a), and is the main constituent of Lipoprotein(a). Apolipoprotein(a) demonstrates serine proteinase activity and inhibits tissue-type plasminogen activator 1. Elevated plasma concentrations of Apolipoprotein(a) and its naturally occurring proteolytic fragments are correlated with atherosclerosis. Homology with plasminogen kringle IV and V is thought to underlie the atherogenicity of the protein, because the fragments are competing with plasminogen for fibrin(ogen) binding. This reagent is available in bulk quantities and may be made available in other formats. Please enquire for further details.

<b>Specificity</b>	APOLIPOPROTEIN(A)
<b>Target</b>	Lipoprotein a
<b>Immunogen</b>	Purified human Apolipoprotein(a)
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Turbidimetry
<b>Format</b>	Serum - liquid
<b>Size</b>	1 ml
<b>Preservative</b>	0.09% Sodium Azide

**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	<a href="#">LPA lipoprotein, Lp(a) [ Homo sapiens (human) ]</a>
Official Symbol	LPA
Synonyms	LPA; lipoprotein, Lp(a); LP; AK38; APOA; apolipoprotein(a); lp(a); apo(a); antiangiogenic AK38 protein; APOLIPOPROTEIN(A);
Entrez Gene ID	<a href="#">4018</a>
Protein Refseq	<a href="#">NP_005568</a>
UniProt ID	P08519
Chromosome Location	6q26
Pathway	LDL-mediated lipid transport; Lipid digestion, mobilization, and transport; Lipoprotein metabolism; Metabolism; Metabolism of lipids and lipoproteins; amb2 Integrin signaling;
Function	apolipoprotein binding; endopeptidase inhibitor activity; fibronectin binding; heparin binding; protein binding; serine-type endopeptidase activity;