



# Goat Anti-Human C4A Polyclonal antibody (CPBT-65831GH)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	This product recognises human C4, a secreted protein that plays a central role in activation of the classical pathway of the complement system. C4 is split into its constituent components, C4a and C4b, by the C1-complex. All belong to the biochemical cascade that forms part of the innate immune system.
<b>Specificity</b>	C4A
<b>Immunogen</b>	Purified human C4
<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
<b>Storage</b>	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

<b>Gene Name</b>	<a href="#">C4A complement component 4A (Rodgers blood group) [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	C4A
<b>Synonyms</b>	C4A; complement component 4A (Rodgers blood group); C4; RG; C4S; CO4; C4A2; C4A3; C4A4; C4A6; C4AD; CPAMD2; complement C4-A; acidic C4; C4A anaphylatoxin; Rodgers form of C4; acidic complement C4; C3 and PZP-like alpha-2-macroglobulin domain-containing pr
<b>Entrez Gene ID</b>	<a href="#">720</a>
<b>Protein Refseq</b>	<a href="#">NP_001239133</a>
<b>UniProt ID</b>	P0C0L5
<b>Chromosome Location</b>	6p21.3
<b>Pathway</b>	Activation of C3 and C5; Allograft Rejection; Complement Activation, Classical Pathway; Complement and coagulation cascades; Complement cascade; Immune System; Initial triggering of complement; Innate Immune System;
<b>Function</b>	complement component C1q binding; endopeptidase inhibitor activity;