



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

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

PRODUCT INFORMATION

Product Overview	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.
Specificity	C4A
Immunogen	Purified human C4
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Conjugate	Unconjugated
Applications	Turbidimetry
Format	Serum - liquid
Size	1 ml
Preservative	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	C4A complement component 4A (Rodgers blood group) [Homo sapiens (human)]
Official Symbol	C4A
Synonyms	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
Entrez Gene ID	720
Protein Refseq	NP_001239133
UniProt ID	P0C0L5
Chromosome Location	6p21.3
Pathway	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;
Function	complement component C1q binding; endopeptidase inhibitor activity;