

## Product datasheet for **AP31647HR-N**

### Complement C3 (C3) Chicken Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, FC, WB
Recommended Dilution:	<b>ELISA</b> (1/256K). <b>Western blot.</b> <b>Flow Cytometry.</b>
Reactivity:	Human
Host:	Chicken
Isotype:	IgY
Clonality:	Polyclonal
Immunogen:	Purified Human Complement Component 3a (C3a) peptide.
Specificity:	Reacts with Human Complement Component C3a.
Formulation:	PBS containing 40% Glycerol (v/v) and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml. Label: HRP State: Liquid purified IgY fraction Preservative: None
Concentration:	lot specific
Purification:	Protein G Chromatography
Conjugation:	HRP
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	complement component 3
Database Link:	<a href="#">Entrez Gene 718 Human P01024</a>



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<b>Background:</b>	Complement Component C3a is a 9 kDa, 77 amino acid peptide, and is one of the cleavage products formed when C3 convertase splits C3 into C3a and C3b. C3 along with C1, C2 and C4 is involved in the initial stages of complement activation via the classical complement pathway. C3a is an anaphylatoxin along with C4a and C5a. C3a also allows for cellular chemotaxis.
<b>Synonyms:</b>	CPAMD1, Complement component 3
<b>Note:</b>	For Maximal recovery of contents, please quick-spin vial before opening.
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	Complement and coagulation cascades, Systemic lupus erythematosus