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[Primary Antibody]

Rabbit Anti-C3 Polyclonal Antibody

Catalog Number: SLA0261

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
GeneID:	718
SWISS:	P01024
Target:	C3
Immunogen:	KLH conjugated synthetic peptide derived from human Complement C3dg fragment
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Applications:	ELISA (1:5000-10000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Predicted MW.:	38/101/181 kDa
Subcellular Location:	Secreted
Background:	The complement factor C3 consists of an alpha and a beta chain. C3 is a central factor in the complement cascade. It is central to the alternative pathway that leads to the C3 convertase C3bBb. The classical mannose binding lectin activation pathway leads to the C3 convertase C4b2a. These convertases cleave C3 resulting in C3a and C3b. Further degradation leads to the formation of the alpha chain products C3d, C3g and C3c. C3 is an acute phase protein that is produced by a wide range of tissues, including renal epithelial cells and hepatocytes.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.