

Product datasheet for **AP26371PU-N**

C3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Immunohistochemistry on Frozen Sections: The typical starting working dilution is 1/10. Western blot: The typical starting working dilution is 1/10. The antibody works well in both PBS and in TBS.
Reactivity:	Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Specificity:	This antibody detects Mouse complement factor C3. Other species not tested.
Formulation:	PBS State: Purified State: Liquid Ig fraction Stabilizer: 0.1% BSA Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Protein A Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	complement component 3
Database Link:	Entrez Gene 12266 Mouse P01027



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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 and mannose binding lectin activation pathways lead to the C3 convertase C4b2a. These convertases cleave C3 resulting in C3a and C3b. Further degradation leads to 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.

Synonyms:

CPAMD1, Complement component 3