

Complement Component 3 (C3) Antibody (HRP)

Catalogue No.: abx108117

Complement C3 Antibody (HRP) is a Rabbit Polyclonal antibody conjugated to HRP against Complement C3. C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates. Derived from proteolytic degradation of complement C3, C3a anaphylatoxin is a mediator of local inflammatory process. It induces the contraction of smooth muscle, increases vascular permeability and causes histamine release from mast cells and basophilic leukocytes.

Target: Complement C3

Reactivity: Human

Host: Rabbit

Clonality: Polyclonal

Tested Applications: ELISA

Recommended dilutions: Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant human Complement C3 protein (26-225AA).

Purity: > 95%

Purification: Protein G.

Form: Liquid

Isotype: IgG

Conjugation: HRP

Storage: Aliquot and store at -20 °C. Avoid exposure to light. Avoid repeated freeze/thaw cycles.

Swiss Prot: [P01024](#)

GeneID: [718](#)

Gene Symbol: C3

OMIM: [127](#)

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Buffer: 0.01 M PBS, pH 7.4, 0.03% Proclin-300 and 50% Glycerol.

Note: This product is for research use only.