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C3 Rabbit mAb

Catalog # AP75173

Product Information

Application	WB, IHC-P
Primary Accession	P01024
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	187148

Additional Information

Gene ID	718
Other Names	C3
Dilution	WB~~1:500-1:1000 IHC-P~~N/A
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

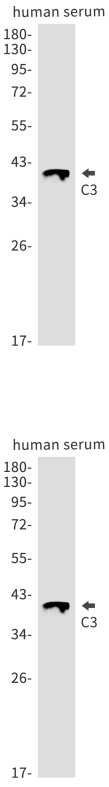
Name	C3 {ECO:0000303|PubMed:2579379, ECO:0000312|HGNC:HGNC:1318}
Function	Precursor of non-enzymatic components of the classical, alternative, lectin and GZMK complement pathways, which consist in a cascade of proteins that leads to phagocytosis and breakdown of pathogens and signaling that strengthens the adaptive immune system.
Cellular Location	Secreted. [C3a anaphylatoxin]: Secreted
Tissue Location	Plasma..

Background

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.

Images



Western blot analysis of C3 in Human serum lysates using C3 antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.