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Datasheet for ABIN2855007

anti-C3 antibody (C-Term)





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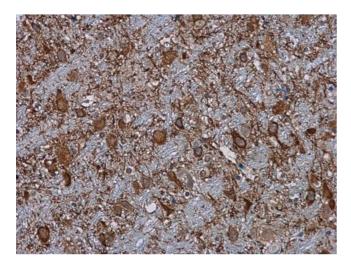
Quantity:	100 μL
Target:	C3
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunosubtraction (ISub)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human C3.
	The exact sequence is proprietary.
Isotype:	IgG
Specificity:	The mouse reactivity of this antibody is based on mouse IHC-P testing and may be not suitable for mouse WB assay.
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to C3 (complement component 3) C3 antibody [C3], C-term
Purification:	Purified by antigen-affinity chromatography.

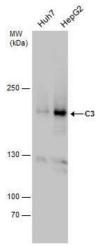
Target Details

Target:	C3	
Alternative Name:		
	complement C3 (C3 Products)	
Background:	Complement component C3 plays a central role in the activation of complement system. Its	
	activation is required for both classical and alternative complement activation pathways.	
	People with C3 deficiency are susceptible to bacterial infection.	
	Cellular Localization: Secreted	
Molecular Weight:	187 kDa	
Gene ID:	718	
UniProt:	P01024	
Pathways:	Complement System, Regulation of Leukocyte Mediated Immunity, Positive Regulation of	
	Immune Effector Process, Regulation of G-Protein Coupled Receptor Protein Signaling	
Application Details		
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. IP: 1:100-1:500. Optimal	
	dilutions/concentrations should be determined by the researcher. Not tested in other	
	applications.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	0.08 mg/mL	
Buffer:	1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.025 % ProClin 300	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be	
	handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage	
	(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid	
	multiple freeze-thaw cycles.	



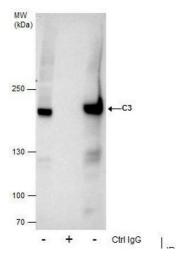
Immunohistochemistry

Image 1. IHC-P Image C3 antibody [C3], C-term detects C3 protein at cytoplasm in mouse brain by immunohistochemical analysis. Sample: Paraffin-embedded mouse brain. C3 antibody [C3], C-term, diluted at 1:500.



Western Blotting

Image 2. WB Image C3 antibody detects C3 protein by western blot analysis. Various whole cell extracts (30 μ g) were separated by 5% SDS-PAGE, and the membrane was blotted with C3 antibody, diluted at a dilution of 1:1000.



Immunoprecipitation

Image 3. IP Image Immunoprecipitation of C3 protein from HepG2 whole cell extracts using 5 μ g of C3 antibody [C3], C-term, Western blot analysis was performed using C3 antibody [C3], C-term, EasyBlot anti-Rabbit IgG was used as a secondary reagent.

Please check the product details page for more images. Overall 4 images are available for ABIN2855007.