C3 polyclonal antibody

Catalog # PAB5002 Size 150 ug

Specification

Product Description	Rabbit polyclonal antibody raised against native C3.
Immunogen	Native purified human C3.
Host	Rabbit
Reactivity	Human
Form	Liquid
Quality Control Testing	Antibody Reactive Against Native Protein.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.5 (50% glycerol, 0.01% thimerosal)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains thimerosal: a POISONOUS AND HAZARDOUS SUBSTANCE which should b e handled by trained staff only.

Applications

- Enzyme Immunoassay
- Immunoprecipitation
- Western Blot

Gene Info — C3

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Entrez GeneID	718
Gene Name	C3
Gene Alias	ARMD9, ASP, CPAMD1
Gene Description	complement component 3
Omim ID	120700
Gene Ontology	Hyperlink
Gene Summary	Complement component C3 plays a central role in the activation of complement system. Its activat ion is required for both classical and alternative complement activation pathways. People with C3 deficiency are susceptible to bacterial infection. [provided by RefSeq
Other Designations	acylation-stimulating protein cleavage product|complement component C3

Publication Reference

- Elevated levels of nitrotyrosine-modified protein adducts and their association with the severity of primary sjogren's syndrome and secondary sjogren's syndrome with rheumatoid arthritis in Taiwanese Patients.

  Hao-En Teng, Yi-Hsuan Tsai, Ya-Ching Mo, Yu-Ju Lu, Hung-Tse Lin, Yu-Sheng Chang, Ching-Yu Lin.

  Clinical Rheumatology 2026 Jan; 45(1):273.

  Application: IP-WB, Human, Serum

- Aberrant proteins in the saliva of patients with oral squamous cell carcinoma.

  Jessie K, Jayapalan JJ, Ong KC, Abdul Rahim ZH, Zain RM, Wong KT, Hashim OH.

  Electrophoresis 2013 Sep; 34(17):2495.

  Application: ELISA, Human, Saliva

Pathway

- Complement and coagulation cascades
- Systemic lupus erythematosus

Disease

- Alzheimer disease

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- Asthma
- Atherosclerosis
- Birth Weight
- Brain Ischemia
- Bronchial Hyperreactivity
- Bronchiolitis
- Calcinosis
- Cardiovascular Diseases
- Celiac Disease
- Chlamydia Infections
- Choroidal Neovascularization
- Coronary Artery Disease
- Coronary Disease
- Dermatitis
- Diabetes Complications
- Diabetes Mellitus
- Disease Progression
- Disease Susceptibility
- Diseases in Twins
- Edema
- Erythema Nodosum
- Genetic Predisposition to Disease
- Geographic Atrophy
- Glioblastoma
- Glioma
- Hematologic Diseases

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- Hemolytic-Uremic Syndrome
- Hypersensitivity
- Hypertension
- Infant
- Inflammation
- Inflammatory Bowel Diseases
- Leukemia
- Lupus Erythematosus
- Lymphoma
- Macular Degeneration
- Meningeal Neoplasms
- Meningioma
- Metabolic Syndrome X
- Migraine Disorders
- Neoplasms
- Occupational Diseases
- Osteoporosis
- Ovarian Neoplasms
- Pulmonary Disease
- Recurrence
- Respiratory Syncytial Virus Infections
- Retinal Drusen
- Sarcoidosis

- Stroke
- Tobacco Use Disorder

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- Trachoma
- Tuberculosis
- Vision
- Wet Macular Degeneration

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