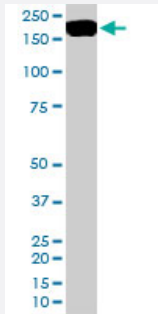


CFH polyclonal antibody

Catalog # PAB6830 Size 100 ug

Applications



Western Blot (Tissue lysate)

CFH polyclonal antibody (Cat # PAB6830) staining (0.03 ug/mL) of human lung lysate (RIPA buffer, 35 ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of CFH.
Immunogen	A synthetic peptide corresponding to human CFH.
Sequence	C-HLVPDRKKDQYK
Host	Goat
Theoretical MW (kDa)	139
Reactivity	Human
Specificity	This antibody is expected to recognize isoform a (NP_000177.2) only.
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.

Recommend Usage	ELISA (1:32000) Western Blot (0.03-0.1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — CFH

Entrez GeneID	3075
Protein Accession#	NP_000177.2
Gene Name	CFH
Gene Alias	ARMD4, ARMS1, CFHL3, FH, FHL1, HF, HF1, HF2, HUS, MGC88246
Gene Description	complement factor H
Omim ID	134370 235400 609814 610698
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the Regulator of Complement Activation (RCA) gene cluster and encodes a protein with twenty short consensus repeat (SCR) domains. This protein is secreted into the bloodstream and has an essential role in the regulation of complement activation, restricting this innate defense mechanism to microbial infections. Mutations in this gene have been associated with hemolytic-uremic syndrome (HUS) and chronic hypocomplementemic nephropathy. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

Other Designations

H factor 1 (complement)|H factor 2 (complement)|OTTHUMP00000033598|age-related maculopathy susceptibility 1|beta-1-H-globulin|beta-1 H|complement factor H, isoform b|factor H|factor H-like 1

Publication Reference

- [Complement factor H polymorphism in age-related macular degeneration.](#)

Klein RJ, Zeiss C, Chew EY, Tsai JY, Sackler RS, Haynes C, Henning AK, SanGiovanni JP, Mane SM, Mayne ST, Bracken MB, Ferris FL, Ott J, Barnstable C, Hoh J.

Science 2005 Apr; 308(5720):385.

Application: IF, Human, Retina

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Alport syndrome](#)
- [Alzheimer disease](#)
- [Arthritis](#)
- [Asthma](#)
- [Ataxia telangiectasia](#)
- [Atherosclerosis](#)
- [Atrophy](#)
- [Blindness](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)

- [Cerebrovascular Accident](#)
- [Chlamydia Infections](#)
- [Chlamydophila Infections](#)
- [Choroid Diseases](#)
- [Choroidal Neovascularization](#)
- [Choroiditis](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Diabetic Retinopathy](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Diseases in Twins](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Functional Laterality](#)
- [Genetic Predisposition to Disease](#)
- [Geographic Atrophy](#)
- [Glomerulonephritis](#)
- [Hemolytic-Uremic Syndrome](#)
- [Hyperlipoproteinemia Type II](#)
- [Hypertension](#)
- [Immune System Diseases](#)
- [Infant](#)

- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Meningococcal Infections](#)
- [Myocardial Infarction](#)
- [Nephritis](#)
- [Obesity](#)
- [Peripheral Vascular Diseases](#)
- [Pre-Eclampsia](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pseudoxanthoma Elasticum](#)
- [Pulmonary Disease](#)
- [Purpura](#)
- [Recurrence](#)
- [Retinal Degeneration](#)
- [Retinal Diseases](#)
- [Retinal Drusen](#)
- [Retinal Neovascularization](#)
- [Retinopathy of Prematurity](#)
- [Spinocerebellar ataxia](#)
- [Staphylococcal Infections](#)
- [Stroke](#)

- [Systemic Inflammatory Response Syndrome](#)
- [Taste](#)
- [Urinary Bladder Neoplasms](#)
- [Venous Thrombosis](#)
- [Werner syndrome](#)
- [Wet Macular Degeneration](#)