DNAxPAb | Hard-to-Find Antibody

CFH DNAxPab

Catalog # H00003075-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CFH DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MRLLAKIICLMLWAICVAEDCNELPPRRNTEILTGSWSDQTYPEGTQAIYKCRPGYRSLGNVIMVCR KGEWVALNPLRKCQKRPCGHPGDTPFGTFTLTGGNVFEYGVKAVYTCNEGYQLLGEINYRECDT DGWTNDIPICEVVKCLPVTAPENGKIVSSAMEPDREYHFGQAVRFVCNSGYKIEGDEEMHCSDD GFWSKEKPKCVEISCKSPDVINGSPISQKIIYKENERFQYKCNMGYEYSERGDAVCTESGWRPLP SCEEKSCDNPYIPNGDYSPLRIKHRTGDEITYQCRNGFYPATRGNTAKCTSTGWIPAPRCTLKPCD YPDIKHGGLYHENMRRPYFPVAVGKYYSYYCDEHFETPSGSYWDHIHCTQDGWSPAVPCLRKCY FPYLENGYNQNHGRKFVQGKSIDVACHPGYALPKAQTTVTCMENGWSPTPRCIRVSFTL
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — CFH

Entrez GeneID	3075
GeneBank Accession#	NM_001014975.1
Protein Accession#	NP_001014975.1
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 concensus 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-1H|complement factor H, isoform b|factor H|factor H-like 1

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