

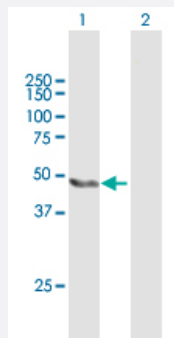
MaxPab®

CFH purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003075-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CFH expression in transfected 293T cell line ([H00003075-T01](#)) by CFH MaxPab polyclonal antibody.

Lane 1: CFH transfected lysate(49.39 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CFH protein.

Immunogen

CFH (NP_001014975.1, 1 a.a. ~ 449 a.a) full-length human protein.

Sequence

MRLAKIICLMLWAICVAEDCNELPPRRNTEILTGSWSDQTYPEGTQAIKCRPGYRSLGNVIMVCR
KGEWVALNPLRKCQKRPCGHPGDTPTFGTFTLTGGNVFEYGVKAVYTCNEGYQLLGEINYRECDT
DGWTNDIPICEVVVKLPVTAPENGKIVSSAMEPDREYHFGQAVRFVCNSGYKIEGDEEMHCSD
GFWSKEKPKCVEISCKSPDVINGSPISQKIYKENERFQYKCNMGYEYSERGDAVCTESGWRPLP
SCEEKSCDNPYPNGDYSPRIKHRTGDEITYQCRNGFYPATRGNTAKCTSTGWIPAPRCTLKPCD
YPDIKHGGLYHENMRRPYFPVAVGKYSSYCDHFETPSGSYWDHIHCTQDQGWSPAVPCLRKCY
FPYLENGYNQNHGRKFVQGKSIDVACHPGYALPKAQTTVTCMENGWSPTPRCIRVSFTL

Host

Mouse

Reactivity

Human

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.

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[Protocol Download](#)

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 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-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](#)