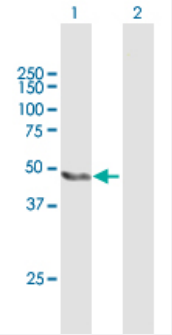
MaxPab®

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	MRLLAKIICLMLWAICVAEDCNELPPRRNTEILTGSWSDQTYPEGTQAIYKCRPGYRSLGNVIMVCR KGEWVALNPLRKCQKRPCGHPGDTPFGTFTLTGGNVFEYGVKAVYTCNEGYQLLGEINYRECDT DGWTNDIPICEVVKCLPVTAPENGKIVSSAMEPDREYHFGQAVRFVCNSGYKIEGDEEMHCSDD GFWSKEKPKCVEISCKSPDVINGSPISQKIIYKENERFQYKCNMGYEYSERGDAVCTESGWRPLP SCEEKSCDNPYIPNGDYSPLRIKHRTGDEITYQCRNGFYPATRGNTAKCTSTGWIPAPRCTLKPCD YPDIKHGGLYHENMRRPYFPVAVGKYYSYYCDEHFETPSGSYWDHIHCTQDGWSPAVPCLRKCY 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 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

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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

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- 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

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- 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

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