For Research Use Only

HRP-conjugated Complement factor H Polyclonal antibody

Catalog Number:HRP-12748

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Basic Information

Catalog Number:
HRP-12748

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG3482

GenBank Accession Number:
BC037285

GeneID (NCBI):
3075

UNIPROT ID:
P08603

Full Name:
complement factor H

Calculated MW:
1231 aa, 139 kDa

Observed MW:
140-150 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB: 1:5000-1:50000

Applications

Tested Applications:
WB

Species Specificity:
human

Positive Controls:

WB : human plasma,

Background Information

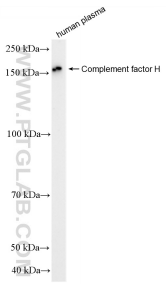
Complement factor H (CFH) is an abundant plasma glycoprotein that regulates the function of the alternative complement pathway in the fluid phase and on cellular surfaces (PMID: 2963625). Factor H binds to C3b, accelerates the decay of the alternative pathway C3-convertase (C3bBb), and acts as a cofactor for the factor I-mediated proteolytic inactivation of C3b (PMID: 15163532). It plays a critical role in the homeostasis of the complement system in plasma and in the protection of bystander host cells and tissues from damage by complement activation. Abnormalities in factor H have been associated with renal disease (PMID: 18190458).

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



human plasma were subjected to SDS PAGE followed by western blot with HRP-12748 (Complement factor H antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.