

For Research Use Only

HRP-conjugated Complement factor H Polyclonal antibody

Catalog Number:HRP-12748



Basic Information

Catalog Number: HRP-12748	GenBank Accession Number: BC037285	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3075	Recommended Dilutions: WB: 1:5000-1:50000
Source: Rabbit	UNIPROT ID: P08603	
Isotype: IgG	Full Name: complement factor H	
Immunogen Catalog Number: AG3482	Calculated MW: 1231 aa, 139 kDa	
	Observed MW: 140-150 kDa	

Applications

Tested Applications: WB	Positive Controls: WB : human plasma,
Species Specificity: human	

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

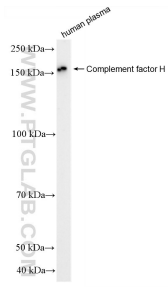
For technical support and original validation data for this product please contact:

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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.