



Rabbit Anti-Human CFHR5 Polyclonal Antibody (DPABH-06945)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 450-569 of human CFHR5 (NP_110414.1).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	Affinity purification
Conjugate	Unconjugated
Applications	WB
Positive Control	HepG2,K-562,Mouse liver,Rat liver
Format	Liquid
Size	50 µl, 100 µl
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Avoid freeze / thaw cycles.

BACKGROUND

Introduction This gene is a member of a small complement factor H (CFH) gene cluster on chromosome 1.

Each member of this gene family contains multiple short consensus repeats (SCRs) typical of regulators of complement activation. The protein encoded by this gene has nine SCRs with the first two repeats having heparin binding properties, a region within repeats 5-7 having heparin binding and C reactive protein binding properties, and the C-terminal repeats being similar to a complement component 3 b (C3b) binding domain. This protein co-localizes with C3, binds C3b in a dose-dependent manner, and is recruited to tissues damaged by C-reactive protein. Allelic variations in this gene have been associated, but not causally linked, with two different forms of kidney disease: membranoproliferative glomerulonephritis type II (MPGNII) and hemolytic uraemic syndrome (HUS).

Keywords

CFHR5; complement factor H-related 5; FHR5; CFHL5; FHR-5; CFHR5D; complement factor H-related protein 5; factor H-related protein 5;

GENE INFORMATION

Entrez Gene ID

[81494](#)

UniProt ID

[Q9BXR6](#)
