

Datasheet for ABIN6138459
anti-CFHR5 antibody (AA 450-569)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	CFHR5
Binding Specificity:	AA 450-569
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CFHR5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 450-569 of human CFHR5 (NP_110414.1).
Sequence:	GPPPSINNGD TTSFPLSVYP PGSTVTYRCQ SFYKLQGSVT VTCRNKQWSE PPRCLDPCVV SEENMNKNNI QLKWRNDGKL YAKTGDAVEF QCKFPHKAMI SSPPFRAICQ EGKFEYPICE
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

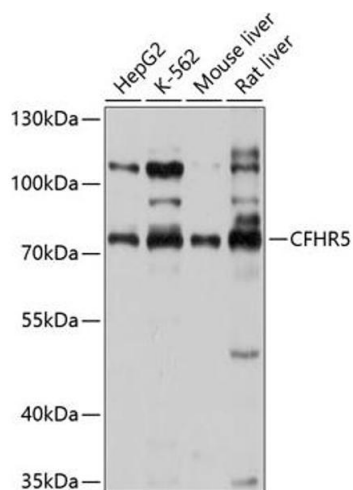
Target:	CFHR5
Alternative Name:	CFHR5 (CFHR5 Products)
Background:	<p>This gene is a member of a small complement factor H (CFH) gene cluster on chromosome 1. Each member of this gene family contains multiple short consensus repeats (SCRs) typical of regulators of complement activation. The protein encoded 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).,CFHR5,CFHL5,CFHR5D,FHR-5,FHR5,Immunology & Inflammation,Cell Intrinsic Innate Immunity Signaling Pathway,CFHR5</p>
Molecular Weight:	64 kDa
Gene ID:	81494
UniProt:	Q9BXR6

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using CFHR5 antibody (ABIN6131938, ABIN6138459, ABIN6138460 and ABIN6214598) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.