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## Datasheet for ABIN7266479 anti-Complement Factor H antibody

Image



Overview

Quantity:	100 µL
Target:	Complement Factor H (CFH)
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Complement Factor H antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Purpose:	Complement factor H Rabbit mAb
Immunogen:	A synthesized peptide derived from human Complement factor H
Isotype:	lgG
Cross-Reactivity:	Human
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

### Target Details

Target:	Complement Factor H (CFH)
Alternative Name:	CFH (CFH Products)
Background:	This gene is a member of the Regulator of Complement Activation (RCA) gene cluster and

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#### Target Details

encodes a protein with twenty short consensus 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, Oct 2011],AHUS1, AMBP1, ARMD4, ARMS1, CFHL3, FH,
FHL1, HF, HF1, HF2, HUS,Cell Intrinsic Innate Immunity Signaling Pathway,Immunology &
Inflammation,CFH

Molecular Weight:	180kDa
Gene ID:	3075
UniProt:	P08603
Pathways:	Complement System, Cellular Response to Molecule of Bacterial Origin

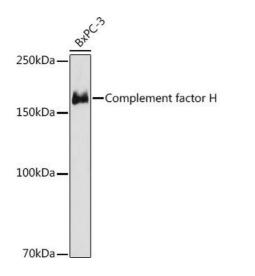
#### Application Details

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

#### Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,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.

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#### Western Blotting

**Image 1.** Western blot analysis of extracts of BxPC-3 cells, using Complement factor H antibody (ABIN7266479) 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: 60s.

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