

Product Datasheet

Complement Factor H-related 5/CFHR5 Antibody - Azide and BSA Free H00081494-D01P

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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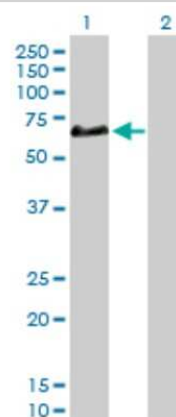
H00081494-D01P

Complement Factor H-related 5/CFHR5 Antibody - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)
Product Description	
Host	Rabbit
Gene ID	81494
Gene Symbol	CFHR5
Species	Human
Specificity/Sensitivity	Reacts with complement factor H-related 5.
Immunogen	CFHR5 (NP_110414.1, 1 a.a. - 569 a.a.) full-length human protein. M L L L F S V I L I S W V S T V G G E G T L C D F P K I H H G F L Y D E E D Y N P F S Q V P T G E V F Y Y S C E Y N F V S P S K S F W T R I T C T E E G W S P T P K C L R M C S F P F V K N G H S E S S G L I H L E G D T V Q I I C N T G Y S L Q N N E K N I S C V E R G W S T P P I C S F T K G E C H V P I L E A N V D A Q P K K E S Y K V G D V L K F S C R K N L I R V G S D S V Q C Y Q F G W S P N F P T C K G Q V R S C G P P P Q L S N G E V K E I R K E E Y G H N E V V E Y D C N P N F I I N G P K K I Q C V D G E W T T L P T C V E Q V K T C G Y I P E L E Y G Y V Q P S V P P Y Q H G V S V E V N C R N E Y A M I G N N M I T C I N G I W T E L P M C V A T H Q L K R C K I A G V N I K T L L K L S G K E F N H N S R I R Y R C S D I F R Y R H S V C I N G K W N P E V D C T E K R E Q F C P P P P Q I P N A Q N M T T T V N Y Q D G E K V A V L C K E N Y L L P E A K E I V C K D G R W Q S L P R C V E S T A Y C G P P P S I N N G D T T S F P L S V Y P P G S T V T Y R C Q S F Y K L Q G S V T V T C R N K Q W S E P P R C L D P C V V S E E N M N K N N I Q L K W R N D G K L Y A K T G D A V E F Q C K F P H K A M I S S P P F R A I C Q E G K F E Y P I C E
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	This antibody is reactive against transfected lysate in western blot, and as a detection antibody in ELISA.

Images

Western Blot: Complement Factor H-related 5/CFHR5 Antibody [H00081494-D01P] - Analysis of CFHR5 expression in transfected 293T cell line by CFHR5 polyclonal antibody. Lane 1: CFHR5 transfected lysate(64.40 KDa). Lane 2: Non-transfected lysate.



Publications

Talat M, Daniel G, Deborah L et al. Gain-of-function factor H-related 5 protein impairs glomerular complement regulation resulting in kidney damage. *Proc Natl Acad Sci U S A*. 2021-03-30 [PMID: 33753502]

Zhu L, Guo WY, Shi SF et al. Circulating complement factor H-related protein 5 levels contribute to development and progression of IgA nephropathy. *Kidney Int* 2018-05-11 [PMID: 29759419]

Berra S, Clivio A. Rapid isolation of pure Complement Factor H from serum for functional studies by the use of a monoclonal antibody that discriminates FH from all the other isoforms. *Mol Immunol* 2016-03-09 [PMID: 26972487]

Medjeral-Thomas N, Malik TH, Patel MP et al. A novel CFHR5 fusion protein causes C3 glomerulopathy in a family without Cypriot ancestry. *Kidney Int*. 2013-09-25 [PMID: 24067434]



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Products Related to H00081494-D01P

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
DY1707	C-Reactive Protein/CRP [Biotin]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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