

Datasheet for ABIN2790204  
**anti-CFHR5 antibody (N-Term)**



[Go to Product page](#)

1 Image

## Overview

|                      |                       |
|----------------------|-----------------------|
| Quantity:            | 100 µL                |
| Target:              | CFHR5                 |
| Binding Specificity: | N-Term                |
| Reactivity:          | Human                 |
| Host:                | Rabbit                |
| Clonality:           | Polyclonal            |
| Application:         | Western Blotting (WB) |

## Product Details

|                       |                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------|
| Immunogen:            | The immunogen is a synthetic peptide directed towards the N-terminal region of Human CFHR5 |
| Sequence:             | SCVERGWSTP PICSFTKGEC HVPILEANVD AQPKKESYKV GDVLKFSCRK                                     |
| Predicted Reactivity: | Human: 100%                                                                                |
| Characteristics:      | This is a rabbit polyclonal antibody against CFHR5. It was validated on Western Blot.      |
| Purification:         | Affinity Purified                                                                          |

## Target Details

|                   |                                                                                          |
|-------------------|------------------------------------------------------------------------------------------|
| Target:           | CFHR5                                                                                    |
| Alternative Name: | CFHR5 ( <a href="#">CFHR5 Products</a> )                                                 |
| Background:       | This gene is a member of a small complement factor H (CFH) gene cluster on chromosome 1. |

## Target Details

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.

Alias Symbols: CFHL5, FHR-5, FHR5, FLJ10549, MGC133240

Protein Interaction Partner: C3,

Protein Size: 569

Molecular Weight: 64 kDa

Gene ID: 81494

NCBI Accession: [NM\\_030787](#), [NP\\_110414](#)

UniProt: [Q9BXR6](#)

## Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 569 AA

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

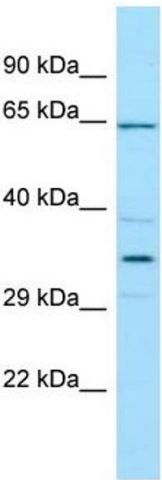
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.



**Western Blotting**

**Image 1.** WB Suggested Anti-CFHR5 Antibody Titration: 1.0 ug/ml Positive Control: THP-1 Whole Cell