

Datasheet for ABIN5003883

**anti-G Protein-Coupled Receptor 110 antibody (AA 51-150)  
(AbBy Fluor® 750)**



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## Overview

|                      |                                                                                                                                                       |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                                |
| Target:              | G Protein-Coupled Receptor 110 (GPR110)                                                                                                               |
| Binding Specificity: | AA 51-150                                                                                                                                             |
| Reactivity:          | Human, Mouse                                                                                                                                          |
| Host:                | Rabbit                                                                                                                                                |
| Clonality:           | Polyclonal                                                                                                                                            |
| Conjugate:           | This G Protein-Coupled Receptor 110 antibody is conjugated to AbBy Fluor® 750                                                                         |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Flow Cytometry (FACS) |

## Product Details

|                   |                                                                                    |
|-------------------|------------------------------------------------------------------------------------|
| Immunogen:        | KLH conjugated synthetic peptide derived from human G protein coupled receptor 110 |
| Isotype:          | IgG                                                                                |
| Cross-Reactivity: | Human, Mouse                                                                       |
| Purification:     | Purified by Protein A.                                                             |

## Target Details

|                   |                                                                                       |
|-------------------|---------------------------------------------------------------------------------------|
| Target:           | G Protein-Coupled Receptor 110 (GPR110)                                               |
| Alternative Name: | GPR110 ( <a href="#">GPR110 Products</a> )                                            |
| Background:       | Synonyms: PGR19, GPR110, KPG_012, hGPCR36, Adhesion G-protein coupled receptor F1, G- |

## Target Details

protein coupled receptor 110, G-protein coupled receptor KPG\_012, G-protein coupled receptor PGR19, ADGRF1

Background: G protein-coupled receptors (GPRs), also known as seven transmembrane receptors, heptahelical receptors or 7TM receptors, comprise a superfamily of proteins that play a role in many different stimulus-response pathways. G protein coupled receptors translate extracellular signals into intracellular signals (G protein activation) and they respond to a variety of signaling molecules, such as hormones and neurotransmitters. GPR110 (G protein-coupled receptor 110), also known as PGR19, is a 911 amino acid protein that belongs to the G-protein coupled receptor 2 family and LN-TM7 subfamily. Characterized as an adhesion GPCR, GPR110 is a multipass membrane-bound protein with a long amino-terminus that contains multiple domains. One of these domains is the GPCR proteolytic site (GPS), which is essential for proteolytic cleavage of the amino-terminus and for cell surface expression.

Gene ID: 266977

UniProt: [Q5T601](#)

## Application Details

Application Notes: FCM 1:20-100  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

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Expiry Date: 12 months