



[Go to Product page](#)

Datasheet for ABIN1707389  
**anti-GPR146 antibody (AA 221-320) (Cy7)**

### Overview

Quantity:	100 µL
Target:	GPR146
Binding Specificity:	AA 221-320
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR146 antibody is conjugated to Cy7
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human G protein coupled receptor 146
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

### Target Details

Target:	GPR146
Alternative Name:	GPR146 ( <a href="#">GPR146 Products</a> )
Background:	Synonyms: G protein coupled receptor 146, G-protein coupled receptor PGR8, GP146_HUMAN,

## Target Details

---

GPR146, PGR8, Probable G-protein coupled receptor 146, GPCR GPR146.

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. GPR146 (G protein-coupled receptor 146), also known as PGR8, is a 333 amino acid multi-pass transmembrane protein that belongs to the G-protein coupled receptor 1 family. Characterized as an orphan receptor for which its endogenous ligand has yet to be identified, GPR146 is thought to play a role in signaling events throughout the cell.

---

Gene ID: 115330

---

UniProt: [Q96CH1](#)

## Application Details

---

Application Notes: 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.

---

Expiry Date: 12 months