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# anti-GPR101 antibody (AA 1-100) (AbBy Fluor® 488)



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Quantity:	100 μL	
Target:	GPR101	
Binding Specificity:	AA 1-100	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This GPR101 antibody is conjugated to AbBy Fluor® 488	
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	

#### **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human GPR101	
Isotype:	IgG	
Predicted Reactivity:	Human,Mouse,Rat,Dog,Sheep,Rabbit	
Purification:	Purified by Protein A.	

## **Target Details**

Target:	GPR101	
Alternative Name:	GPR101 (GPR101 Products)	
Background:	und: Synonyms: G protein-coupled receptor 101, GP101_HUMAN, GPCR6, GPCR101, GPR101,	

Probable G-protein coupled receptor 101.

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. GPR101 (G protein-coupled receptor 101), also known as GPCR6, is a 508 amino acid multi-pass membrane protein that belongs to the G-protein coupled receptor 1 family. GPR101 functions as an orphan receptor that is thought to play a role in signaling events throughout the cell. Expressed predominantly in brain, GPR101 participates in a wide range of activities in the CNS via modulation of cAMP levels.

### **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