Rabbit GPR101 Polyclonal Antibody | anti-GPR101 antibody

Anti-GPR101 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA260665	**Rabbit**	**Human, Mouse, Rat, Monkey**	**Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

GPR101; Polyclonal Antibody; Anti-GPR101 Antibody; Probable G-protein coupled receptor 101; anti-GPR101 antibody

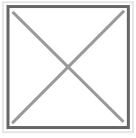
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of GPR101 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Sequence Length	508
Applicable Applications for anti-GPR101 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human GPR101. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent analysis of GPR101 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

IHC (Immunohiostchemistry)
Immunohistochemical analysis of GPR101 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of GPR101 expression in Hela (A), rat muscle (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-GPR101 antibody	Rabbit polyclonal antibody to GPR101

NCBI AND UNIPROT INFORMATION

NCBI GI #	48474929
NCBI GeneID	83550
UniProt Accession #	Q96P66; Q5JSM8; Q8NG93
Molecular Weight	56,716 Da
NCBI Official Full Name	Probable G-protein coupled receptor 101
NCBI Official Synonym Full Names	G protein-coupled receptor 101
NCBI Official Symbol	GPR101
NCBI Official Synonym Symbols	GPCR6; PAGH2
NCBI Protein Information	probable G-protein coupled receptor 101
UniProt Protein Name	Probable G-protein coupled receptor 101
UniProt Gene Name	**GPR101**
UniProt Entry Name	GP101_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/gpr101-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/260665