

Anti-GPR106 Antibody
Rabbit polyclonal antibody to GPR106
Catalog # AP61358**Specification**

Anti-GPR106 Antibody - Product Information

Application	WB, IF
Primary Accession	Q8WXD0
Other Accession	Q91ZZ5
Reactivity	Human, Mouse, Drosophila
Host	Rabbit
Clonality	Polyclonal
Calculated MW	86453

Anti-GPR106 Antibody - Additional Information**Gene ID** 122042**Other Names**

GPR106; GREAT; LGR8; Relaxin receptor 2; G-protein coupled receptor 106; G-protein coupled receptor affecting testicular descent; Leucine-rich repeat-containing G-protein coupled receptor 8; Relaxin family peptide receptor 2

Target/Specificity

Recognizes endogenous levels of GPR106 protein.

Dilution

WB~~WB (1/500 - 1/1000), IF/IC (1/100 - 1/500)

IF~~WB (1/500 - 1/1000), IF/IC (1/100 - 1/500)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-GPR106 Antibody - Protein Information**Name** RXFP2**Synonyms** GPR106, GREAT, LGR8**Function**

Receptor for relaxin. The activity of this receptor is mediated by G proteins leading to stimulation of adenylate cyclase and an increase of cAMP. May also be a receptor for Leydig insulin-like peptide (INSL3).

Cellular Location

Cell membrane; Multi-pass membrane protein.

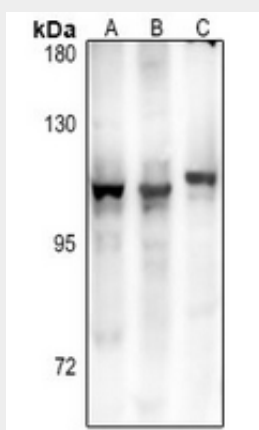
Tissue Location

Expressed mainly in the brain, kidney, muscle, testis, thyroid, uterus, peripheral blood cells and bone marrow

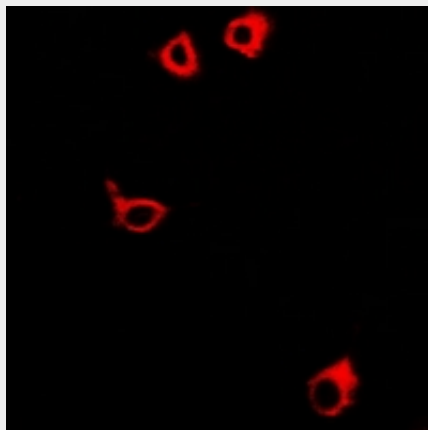
Anti-GPR106 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-GPR106 Antibody - Images

Western blot analysis of GPR106 expression in Hela (A), Jurkat (B), mouse brain (C) whole cell lysates.



Immunofluorescent analysis of GPR106 staining in NIH3T3 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 Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

Anti-GPR106 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GPR106. The exact sequence is proprietary.