

Anti-GPR66 Antibody
Rabbit polyclonal antibody to GPR66
Catalog # AP60914

Specification

Anti-GPR66 Antibody - Product Information

Application	WB, IF
Primary Accession	O9HB89
Other Accession	O55040
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47351

Anti-GPR66 Antibody - Additional Information

Gene ID 10316

Other Names

GPR66; Neuromedin-U receptor 1; NMU-R1; G-protein coupled receptor 66; G-protein coupled receptor FM-3

Target/Specificity

Recognizes endogenous levels of GPR66 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-GPR66 Antibody - Protein Information

Name NMUR1

Synonyms GPR66

Function

Receptor for the neuromedin-U and neuromedin-S neuropeptides.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

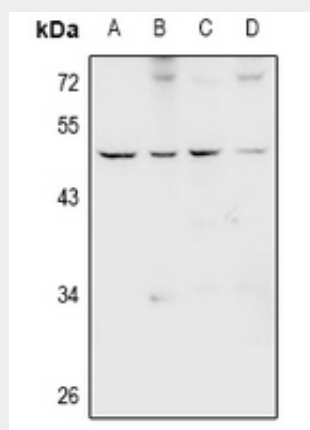
Expressed in greatest abundance in peripheral organs, particularly in elements of the gastrointestinal and urogenital systems with highest levels in testes. In central nervous system structures express levels are much lower than those seen in peripheral organs. Within the CNS, has been detected in highest abundance in the cerebellum, dorsal root ganglia, hippocampus, and spinal cord

Anti-GPR66 Antibody - Protocols

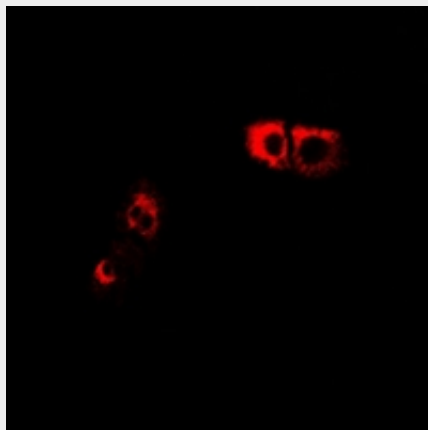
Provided below are standard protocols that you may find useful for product applications.

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

Anti-GPR66 Antibody - Images



Western blot analysis of GPR66 expression in rat testis (A), mouse testis (B), SGC7901 (C), K562 (D) whole cell lysates.



Immunofluorescent analysis of GPR66 staining in LOVO 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 Alexa Fluor 647-conjugated secondary antibody (red) in PBS at room temperature in the dark.

Anti-GPR66 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human GPR66. The exact sequence is proprietary.