

## Anti-GPR66 Antibody

Rabbit polyclonal antibody to GPR66 Catalog # AP60914

## Specification

# **Anti-GPR66 Antibody - Product Information**

Application Primary Accession Other Accession Reactivity Host Clonality Calculated MW WB, IF/IC <u>09HB89</u> <u>055040</u> Human, Mouse, Rat Rabbit Polyclonal 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/IC~~N/A

**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.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- <u>Flow Cytomety</u>
- <u>Cell Culture</u>

### Anti-GPR66 Antibody - Images

kDa	А	В	С	D	
72		-	-	1	
55					
43	-	-	-	-	
34	1				
26					

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 hidified 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.