

# **Anti-GPR27 Antibody**

**Catalog # AP53993** 

#### **Specification**

### **Anti-GPR27 Antibody - Product Information**

Application WB, IF Primary Accession Q9NS67

Reactivity Human, Mouse, Rat

Host Rabbit
Clonality Polyclonal
Calculated MW 39818

### **Anti-GPR27 Antibody - Additional Information**

**Gene ID 2850** 

#### **Other Names**

SREB1; Probable G-protein coupled receptor 27; Super conserved receptor expressed in brain 1

### **Target/Specificity**

Recognizes endogenous levels of GPR27 protein.

# **Dilution**

WB~~1/500 - 1/1000 IF~~1/50 - 1/200

#### **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-GPR27 Antibody - Protein Information**

Name GPR27

**Synonyms** SREB1

#### **Function**

Orphan receptor. Possible candidate for amine-like G-protein coupled receptor.

#### **Cellular Location**

Cell membrane; Multi-pass membrane protein

### **Tissue Location**

Highly expressed as a 3.0 kb transcript in brain, ovary, testis, heart, prostate and peripheral Leukocytes. Lower levels in pancreas and small intestine. A 2.3 kb transcript was also found in



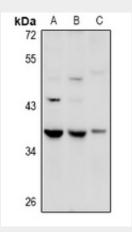
peripheral Leukocytes. In brain regions, detected as a 3.0 kb transcript in all regions tested. Highest levels in the caudate nucleus, putamen, hippocampus and subthalamic nucleus. Lowest level in the cerebellum

### **Anti-GPR27 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 Cytomety
- Cell Culture

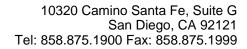
# Anti-GPR27 Antibody - Images



Western blot analysis of GPR27 expression in HEK293T (A), SGC7901 (B), mouse lung (C) whole cell lysates.



Immunofluorescent analysis of GPR27 staining in A549 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-GPR27 Antibody - Background

Rabbit polyclonal antibody to GPR27