

# Anti-GPR27 Antibody

Catalog # AP53993

#### **Product Information**

Application WB, IF Primary Accession Q9NS67

Reactivity Human, Mouse, Rat

HostRabbitClonalityPolyclonalCalculated MW39818

#### **Additional Information**

**Gene ID** 2850

Other Names SREB1; Probable G-protein coupled receptor 27; Super conserved receptor

expressed in brain 1

**Target/Specificity** KLH-conjugated synthetic peptide encompassing a sequence within the center

region of human GPR27. The exact sequence is proprietary.

**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

#### **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

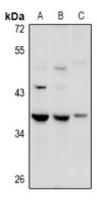
and peripheral Leukocytes. Lower levels in pancreas and small intestine. A 2.3 kb transcript was also found in peripheral Leukocytes. In brain regions, detected as a 3.0 kb transcript in all regions tested. Highest levels in the caudate nucleus, putamen, hippocampus and subthalamic nucleus. Lowest

level in the cerebellum

### **Background**

Rabbit polyclonal antibody to GPR27

## **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.

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