

## **GPR157 Antibody (Center)**

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP17753c

## **Specification**

## **GPR157 Antibody (Center) - Product Information**

**Application** WB,E **Primary Accession 05UAW9** Other Accession NP 079256.4 Human, Mouse Reactivity Host **Rabbit** Clonality **Polyclonal** Isotype Rabbit IgG Calculated MW 36623 Antigen Region 178-207

## **GPR157 Antibody (Center) - Additional Information**

### **Gene ID 80045**

### **Other Names**

Probable G-protein coupled receptor 157, GPR157

### Target/Specificity

This GPR157 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 178-207 amino acids from the Central region of human GPR157.

# **Dilution**

WB~~1:1000

### **Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

# **Precautions**

GPR157 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

# **GPR157 Antibody (Center) - Protein Information**

# Name GPR157

**Function** Orphan receptor that promotes neuronal differentiation of radial glial progenitors (RGPs). The activity of this receptor is mediated by a G(q)-protein that activates a



phosphatidylinositol-calcium second messenger.

### **Cellular Location**

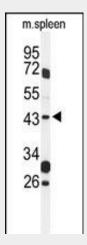
Cell projection, cilium membrane {ECO:0000250|UniProtKB:Q8C206}; Multi-pass membrane protein. Note=Expressed in the primary cilia of radial glial progenitors (RGPs) exposed to the cerebrospinal fluid {ECO:0000250|UniProtKB:Q8C206}

## **GPR157 Antibody (Center) - Protocols**

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

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

# **GPR157 Antibody (Center) - Images**



Western blot analysis of GPR157 Antibody (Center) (Cat. #AP17753c) in mouse spleen tissue lysates (35ug/lane).GPR157 (arrow) was detected using the purified Pab.

## GPR157 Antibody (Center) - Background

GPR157 is an orphan receptor.

# **GPR157 Antibody (Center) - References**

Gregory, S.G., et al. Nature 441(7091):315-321(2006)