

## **Anti-GPRC5B Rabbit Monoclonal Antibody**

**Catalog # ABO16422** 

# **Specification**

# **Anti-GPRC5B Rabbit Monoclonal Antibody - Product Information**

Application WB
Primary Accession Q9NZH0
Host Rabbit
Isotype IgG
Reactivity Human
Clonality Monoclonal
Format Liquid

**Description** 

Anti-GPRC5B Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with

Human.

## **Anti-GPRC5B Rabbit Monoclonal Antibody - Additional Information**

Gene ID 51704

## **Other Names**

G-protein coupled receptor family C group 5 member B, A-69G12.1, Retinoic acid-induced gene 2 protein, RAIG-2, GPRC5B, RAIG2

Calculated MW 52 kDa KDa

**Application Details** WB 1:500-1:2000

# Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

#### **Immunogen**

A synthesized peptide derived from human GPRC5B

# **Purification**

Affinity-chromatography

Storage Store at -20°C for one year. For short term

storage and frequent use, store at 4°C for

up to one month. Avoid repeated

freeze-thaw cycles.

## **Anti-GPRC5B Rabbit Monoclonal Antibody - Protein Information**

Name GPRC5B



## Synonyms RAIG2

### **Function**

G-protein coupled receptor involved in the regulation of cell volume.

#### **Cellular Location**

Cell membrane; Multi-pass membrane protein. Cytoplasmic vesicle membrane; Multi-pass membrane protein. Note=Localized in the plasma membrane and perinuclear vesicles

#### **Tissue Location**

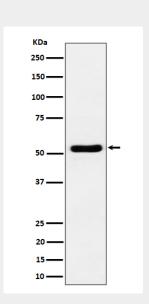
Expression is high in kidney, pancreas, and testis, medium in brain, heart, prostate, small intestine, and spleen, low in liver, placenta, skeletal muscle, colon, ovary, and thymus, and not detectable in lung and peripheral leukocyte. According to PubMed:10945465, highly expressed in most brain areas examined, with the highest levels observed in corpus callosum, caudate nucleus, putamen, substantia nigra, thalamus, hippocampus, and spinal cord as well as in dorsal root ganglia (DRG). Expressed in glia limitans, ependymal cells, astrocyte cell bodies, the perivascular region in astrocyte endfeet, but not in neurons (PubMed:37143309). In the periphery, expression levels are relatively low, compared to the CNS, with the strongest expression detected in pancreas, testis, uterus, and stomach.

### Anti-GPRC5B Rabbit Monoclonal Antibody - 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

# Anti-GPRC5B Rabbit Monoclonal Antibody - Images



Western blot analysis of GPRC5B expression in Jurkat cell lysate.