

**Anti-RAIG2 / GPRC5B Antibody (C-Terminus)**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ALS17516****Specification**

---

**Anti-RAIG2 / GPRC5B Antibody (C-Terminus) - Product Information**

Application	IHC-P
Primary Accession	<a href="#">O9NZH0</a>
Predicted	Human, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44795

**Anti-RAIG2 / GPRC5B Antibody (C-Terminus) - Additional Information****Gene ID** 51704

Alias Symbol	GPRC5B
<b>Other Names</b>	
GPRC5B, A-69G12.1, RAIG2, RAIG-2	

**Target/Specificity**

Human GPRC5B. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

**Reconstitution & Storage**

Immunoaffinity purified

**Precautions**

Anti-RAIG2 / GPRC5B Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-RAIG2 / GPRC5B Antibody (C-Terminus) - 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-RAIG2 / GPRC5B Antibody (C-Terminus) - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **Anti-RAIG2 / GPRC5B Antibody (C-Terminus) - Images**