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Anti-RAIG2 / GPRC5B Antibody (C-Terminus)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17518

Product Information

Application	IHC-P
Primary Accession	Q9NZH0
Predicted	Human, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44795
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	51704
Alias Symbol	GPRC5B
Other Names	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.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.