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RAIG2 / GPRC5B Antibody (C-Terminus)

Rabbit Polyclonal Antibody

Catalog # ALS10110

Specification

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

Application	**IHC**
Primary Accession	Q9NZH0
Reactivity	**Human, Monkey, Pig, Horse, Bovine, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**45kDa KDa**

RAIG2 / GPRC5B Antibody (C-Terminus) - 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

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

Reconstitution & Storage
Long term: -70°C; Short term: +4°C

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

RAIG2 / GPRC5B Antibody (C-Terminus) - Protein Information

Name GPRC5B

Synonyms RAIG2

Function
Unknown. This retinoic acid-inducible G-protein coupled receptor provide evidence for a possible interaction between retinoid and G-protein signaling pathways.

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

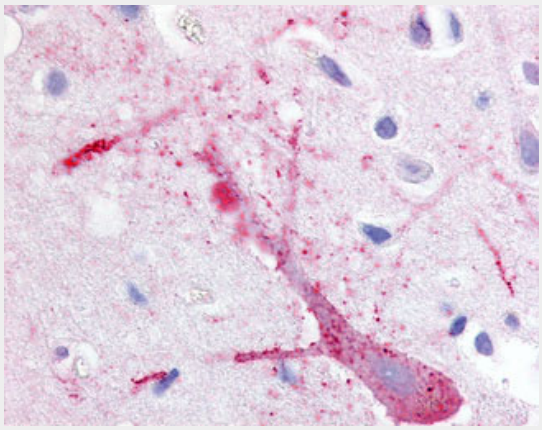
intestine, and spleen, low in liver, placenta, skeletal muscle, colon, ovary, and thymus, and not detectable in lung and peripheral leukocyte. According to PubMed:10945465, highly expressed in most brain areas examined, with the highest levels observed in corpus callosum, caudate nucleus, putamen, substantia nigra, thalamus, hippocampus, and spinal cord as well as in dorsal root ganglia (DRG). In the periphery, expression levels are relatively low, compared to the CNS, with the strongest expression detected in pancreas, testis, uterus, and stomach

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 Cytomety
- Cell Culture

RAIG2 / GPRC5B Antibody (C-Terminus) - Images



Anti-RAIG2 / GPRC5B antibody IHC of human brain, cortex neuron.

RAIG2 / GPRC5B Antibody (C-Terminus) - Background

Unknown. This retinoic acid-inducible G-protein coupled receptor provide evidence for a possible interaction between retinoid and G-protein signaling pathways.

RAIG2 / GPRC5B Antibody (C-Terminus) - References

Braeuner-Osborne H.,et al.Genomics 65:121-128(2000).
Robbins M.J.,et al.Genomics 67:8-18(2000).
Wei H.,et al.Submitted (AUG-1999) to the EMBL/GenBank/DDBJ databases.
Cool B.H.,et al.Submitted (DEC-2008) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).