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Datasheet for ABIN6283056

anti-GPRC5B antibody (Internal Region)

Overview

Quantity:	50 µL
Target:	GPRC5B
Binding Specificity:	AA 30-110, Internal Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPRC5B antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	Rabbit polyclonal to GPRC5B.
Immunogen:	Synthesized peptide derived from human GPRC5B
Isotype:	IgG
Specificity:	GPRC5B Polyclonal Antibody detects endogenous levels of GPRC5B protein.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	GPRC5B
Alternative Name:	GPRC5B (GPRC5B Products)

Target Details

Molecular Weight:	48 kDa
Gene ID:	51704
UniProt:	Q9NZH0

Application Details

Application Notes:	WB 1:500-1:2000 IF 1:200-1:1000 ELISA 1:5000
Comment:	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 chord 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.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C, and avoid repeat freeze-thaw cycles.