



# GPRC5B rabbit pAb

Cat No.:ES6558

For research use only

## Overview

<b>Product Name</b>	GPRC5B rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human GPRC5B. AA range:61-110
<b>Specificity</b>	GPRC5B Polyclonal Antibody detects endogenous levels of GPRC5B protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	G-protein coupled receptor family C group 5 member B
<b>Gene Name</b>	GPRC5B
<b>Cellular localization</b>	Cell membrane ; Multi-pass membrane protein . Cytoplasmic vesicle membrane ; Multi-pass membrane protein . Localized in the plasma membrane and perinuclear vesicles.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	48kD
<b>Human Gene ID</b>	51704
<b>Human Swiss-Prot Number</b>	Q9NZH0
<b>Alternative Names</b>	GPRC5B; RAIG2; G-protein coupled receptor family C group 5 member B; A-69G12.1; Retinoic acid-induced gene 2 protein; RAIG-2

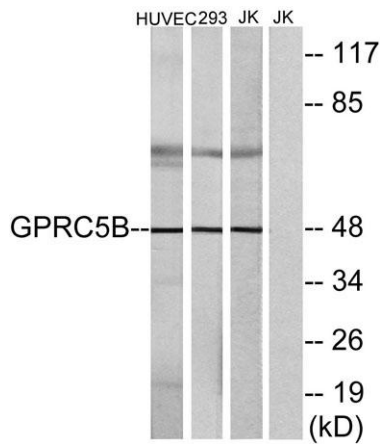
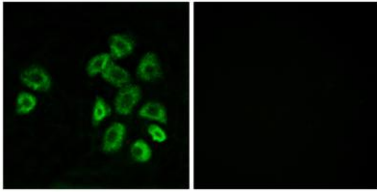




## Background

This gene encodes a member of the type 3 G protein-coupled receptor family. Members of this superfamily are characterized by a signature 7-transmembrane domain motif. The encoded protein may modulate insulin secretion and increased protein expression is associated with type 2 diabetes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2015],

Immunofluorescence analysis of MCF7 cells, using GPRC5B Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat, HUVEC, and 293 cells, using GPRC5B Antibody. The lane on the right is blocked with the synthesized peptide.

