

Datasheet for ABIN2788217
anti-GPRC5B antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	GPRC5B
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Dog, Horse, Cow, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPRC5B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human GPRC5B
Sequence:	AVAGAGALIT LLLMLILLVR LPFIKEKEKK SPVGLHFLFL LGTLGLFGLT
Predicted Reactivity:	Cow: 86%, Dog: 86%, Horse: 86%, Human: 100%, Mouse: 77%, Pig: 83%
Characteristics:	This is a rabbit polyclonal antibody against GPRC5B. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	GPRC5B
Alternative Name:	GPRC5B (GPRC5B Products)

Target Details

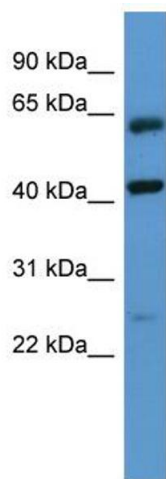
Background:	<p>The protein encoded by this gene is a member of the type 3 G protein-coupled receptor family. Members of this superfamily are characterized by a signature 7-transmembrane domain motif. The specific function of this protein is unknown, however, this protein may mediate the cellular effects of retinoic acid on the G protein signal transduction cascade.</p> <p>Alias Symbols: RAIG-2, RAIG2</p> <p>Protein Interaction Partner: ADRB2, C11orf71, UBC,</p> <p>Protein Size: 403</p>
Molecular Weight:	42 kDa
Gene ID:	51704
NCBI Accession:	NM_016235 , NP_057319
UniProt:	Q9NZH0

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 403 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



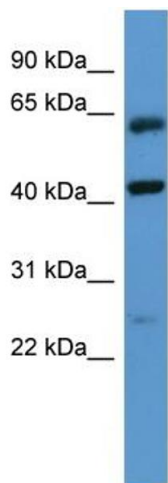
Western Blotting

Image 1. WB Suggested Anti-GPRC5B Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:62500

Positive Control: Human Muscle



Rabbit Anti-GPRC5B Antibody
Catalog Number: ARP59799
Lot Number: QC30733
Lane: Fetal Muscle Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 2. WB Suggested Anti-GPRC5B

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1::2500

Positive Control: Human Muscle