

Datasheet for ABIN2776866
anti-GPRC5A antibody (C-Term)

2 Images

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Overview

Quantity:	100 µL
Target:	GPRC5A
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPRC5A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human GPCR5A
Sequence:	SQEEITQGFE ETGDTLYAPY STHFQLQNQP PQKEFSIPRA HAWPSPYKDY
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 91%, Horse: 85%, Human: 100%, Mouse: 93%, Pig: 92%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against GPCR5A. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	GPRC5A
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Target Details

Alternative Name:	GPCR5A (GPCR5A Products)
Background:	<p>GPCR5A is a member of the type 3 G protein-coupling receptor family, characterized by the signature 7-transmembrane domain motif. The protein may be involved in interaction between retinoid acid and G protein signalling pathways. Retinoic acid plays a critical role in development, cellular growth, and differentiation. Its gene may play a role in embryonic development and epithelial cell differentiation. This gene encodes a member of the type 3 G protein-coupling receptor family, characterized by the signature 7-transmembrane domain motif. The encoded protein may be involved in interaction between retinoid acid and G protein signalling pathways. Retinoic acid plays a critical role in development, cellular growth, and differentiation. This gene may play a role in embryonic development and epithelial cell differentiation.</p> <p>Alias Symbols: GPRC5A, RAI3, RAIG1, GPCR5A</p> <p>Protein Interaction Partner: UBC, NOLC1, SLC25A3, MPV17, HSPA9, GTF2F2, EIF4A1, Trim69,</p> <p>Protein Size: 357</p>
Molecular Weight:	39 kDa
Gene ID:	9052
NCBI Accession:	NM_003979 , NP_003970
UniProt:	Q8NFJ5

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 357 AA
Restrictions:	For Research Use only

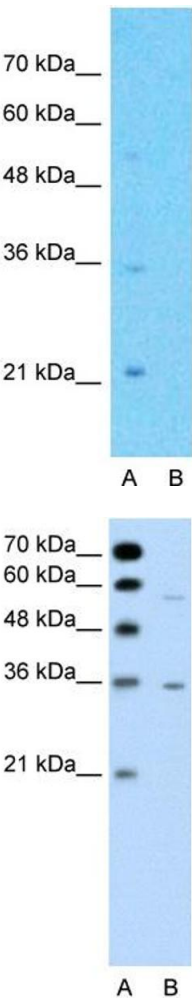
Handling

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

Handling

	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.

Images



Western Blotting

Image 1. Host: Rabbit Target Name: GPCR5A Sample Type: Jurkat Lane A: Primary Antibody Lane B: Primary Antibody + Blocking Peptide Primary Antibody Concentration: 1ug/ml Peptide Concentration: 5ug/ml Lysate Quantity: 25ug/lane/lane Gel Concentration: 0.12

Western Blotting

Image 2. WB Suggested Anti-GPCR5A Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate