

Rabbit GPCR5A Polyclonal Antibody | anti-GPRC5A antibody

GPCR5A antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198934	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot

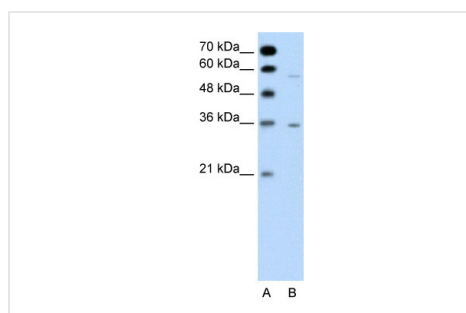
PRODUCT SYNONYMS

GPCR5A; Polyclonal Antibody; GPCR5A antibody - C-terminal region; anti-GPRC5A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: SQ EEITQGFEET GDTLYAPYST HFQLQNQPPQ KEFSIPRAHA WSPYKDY
Sequence Length	357
Applicable Applications for anti-GPRC5A antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 91%; Horse: 85%; Human: 100%; Mouse: 93%; Pig: 92%; Rabbit: 93%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human GPCR5A
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-GPRC5A antibody	This is a rabbit polyclonal antibody against GPCR5A. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-GPRC5A antibody	Polyclonal; Membrane Protein; Developmental Biology; Signal Transduction; Membrane & Traffic; Tissue Specific & Cell Marker; GPCR

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506403
NCBI GeneID	9052
NCBI Accession #	NP_003970
NCBI GenBank Nucleotide #	NM_003979
UniProt Accession #	Q8NFJ5
Molecular Weight	39kDa
NCBI Official Full Name	retinoic acid-induced protein 3
NCBI Official Synonym Full Names	G protein-coupled receptor class C group 5 member A
NCBI Official Symbol	GPRC5A
NCBI Official Synonym Symbols	RAI3; TIG1; RAIG1; GPCR5A; PEIG-1
NCBI Protein Information	retinoic acid-induced protein 3
UniProt Protein Name	Retinoic acid-induced protein 3
UniProt Gene Name	GPRC5A
UniProt Synonym Gene Names	GPCR5A; RAI3; RAIG1; RAIG-1
UniProt Entry Name	RAI3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.