

Rabbit anti-Human GPRC5A Polyclonal Antibody | anti-GPRC5A antibody

GPRC5A Antibody

CATALOG # AAA118450	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
-------------------------------	-----------------------	----------------------------	--

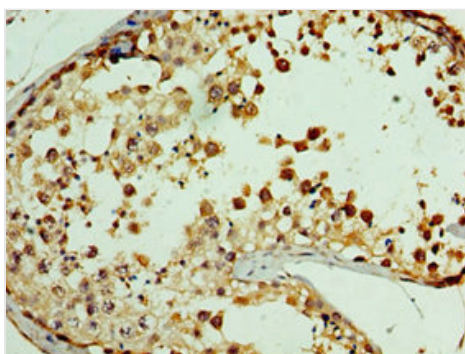
PRODUCT SYNONYMS

GPRC5A; Polyclonal Antibody; GPRC5A Antibody; G-protein coupled receptor family C group 5 member A; Orphan G-protein-coupling receptor PEIG-1; Retinoic acid-induced gene 1 protein; RAIG-1; GPCR5A; RAI3; RAIG1; anti-GPRC5A antibody

PRODUCT SPECIFICATIONS

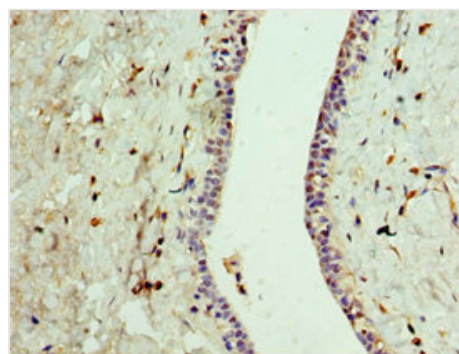
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	357
Applicable Applications for anti-GPRC5A antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Retinoic acid-induced protein 3 protein (258-357aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-98884
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



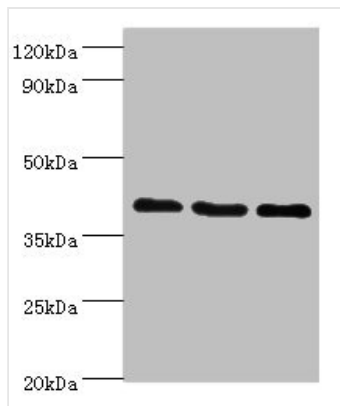
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA118450 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using AAA118450 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: GPRC5A antibody at 8ug/mlLane 1:Hela whole cell lysateLane 2:HepG2 whole cell lysateLane 3:MCF-7 whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 40kDaObserved band size: 40kDa

ADDITIONAL INFORMATION

Related Product Information for anti-GPRC5A antibody	Unknown. This G-protein coupled receptor could be involved in modulating differentiation and maintaining homeostasis of epithelial cells. The comparable expression level in fetal lung and kidney with adult tissues suggests a possible role in embryonic development and maturation of these organs. This retinoic acid-inducible GPCR provide evidence for a possible interaction between retinoid and G-protein signaling pathways.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506403
NCBI GeneID	9052
NCBI Accession #	NP_003970.1
NCBI GenBank Nucleotide #	NM_003979.3
UniProt Accession #	Q8NFJ5; O95357; B3KV45
Molecular Weight	40,251 Da
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; PEIG-1; 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.