

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

Rabbit anti-GPRC5A Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212694	Rabbit	Human	Immunoprecipitation, Western Blot

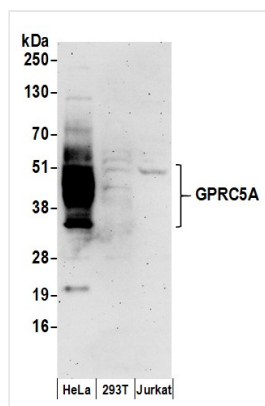
PRODUCT SYNONYMS

GPRC5A; Polyclonal Antibody; Rabbit anti-GPRC5A Antibody; Affinity Purified; RAIG-1; orphan G-protein-coupling receptor PEIG-1; TPA induced gene 1; TIG1; retinoic acid-induced protein 3; retinoic acid-induced gene 1 protein; retinoic acid responsive; retinoic acid induced 3; RAIG; phorbol ester induced protein-1; GPCR5A; PEIG-1; RAIG1; G-protein coupled receptor family C group 5 member A; phorbol ester induced gene 1; Retinoic acid-induced protein 3; G protein-coupled receptor class C group 5 member A; anti-GPRC5A antibody

PRODUCT SPECIFICATIONS

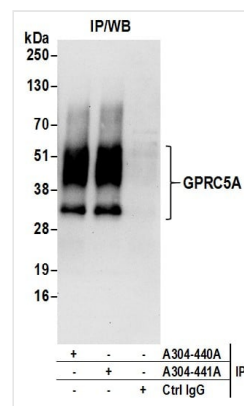
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-GPRC5A antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 307 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human GPRC5A by western blot. Samples: Whole cell lysate (50 ug) prepared using NETN buffer from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-GPRC5A antibody AAA212694 (lot AAA212694-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human GPRC5A by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) prepared using NETN buffer from HeLa cells. Antibodies: Affinity purified rabbit anti-GPRC5A antibody AAA212694 (lot AAA212694-1) used for IP at 6 ug per reaction. GPRC5A was also immunoprecipitated by rabbit anti-GPRC5A antibody For blotting immunoprecipitated GPRC5A, AAA212694 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-GPRC5A antibody	G-protein coupled receptor family C group 5 member A (GPRC5A) is 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. [provided by RefSeq, Jul 2008] [taken from NCBI Entrez Gene (Gene ID: 9052)]. [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q8NFJ5].
Product Categories/Family for anti-GPRC5A antibody	Primary Antibodies

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, family C, group 5, member A
NCBI Official Symbol	GPRC5A
NCBI Official Synonym Symbols	RAI3; RAIG1; GPCR5A
NCBI Protein Information	retinoic acid-induced protein 3; RAIG-1; retinoic acid induced 3; retinoic acid responsive; retinoic acid-induced gene 1 protein; orphan G-protein-coupling receptor PEIG-1; G-protein coupled receptor family C group 5 member A
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/gprc5a-antibody-immunoprecipitation-western-blot-elisa/212694>