

Rabbit GPRC5A Polyclonal Antibody | anti-GPRC5A antibody

GPRC5A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA31119	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, Immunofluorescence, Immunocytochemistry

PRODUCT SYNONYMS

GPRC5A; Polyclonal Antibody; GPRC5A Antibody; G protein coupled receptor family C group 5 member A; G-protein coupled receptor family C group 5 member A; GPCR 5A; GPCR5A; Gprc 5a; Gprc5a; Orphan G protein coupling receptor PEIG 1; Orphan G protein coupling receptor PEIG1; Orphan G-protein-coupling receptor PEIG-1; RAI 3; RAI3_HUMAN; Raig 1; RAIG-1; Raig1; Retinoic acid induced 3; Retinoic acid induced gene 1 protein; Retinoic acid induced protein 3; Retinoic acid responsive; Retinoic acid responsive gene; Retinoic acid-induced gene 1 protein; Retinoic acid-induced protein 3; anti-GPRC5A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Peptide affinity chromatography using SulfoLink Coupling Resin
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	357
Applicable Applications for anti-GPRC5A antibody	IHC (Immunohistochemistry), WB (Western Blot), IF (Immunofluorescence), ICC (Immunocytochemistry)
Application Notes	IHC: 1:50-1:200 WB: 1:500-1:1000 IF/ICC: 1:100-1:500 The optimal dilutions should be determined by the end user. IMPORTANT: For western blots, incubate membrane with diluted antibody in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.
Immunogen	A synthesized peptide derived from human GPRC5A, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA31119 at 1/100 staining mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-rabbit Ab was used as the secondary Ab.



IF (Immunofluorescence)

AAA31119 staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab (AAA31119) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from K562 cells using GPRC5A antibody.

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	40KD
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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/gprc5a-antibody-immunohistochemistry-western-blot-immunofluorescence-immunocytochemistry-elisa/31119>