

Rabbit GPRC5A / RAI3 Polyclonal Antibody | anti-GPRC5A antibody

Rabbit Polyclonal to Human GPRC5A / RAI3

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51359	Rabbit	Gorilla, Human Predicted Reactivity: Gibbon, Monkey, Bat, Dog (at least 90% immunogen sequence identity)	Immunohistochemistry

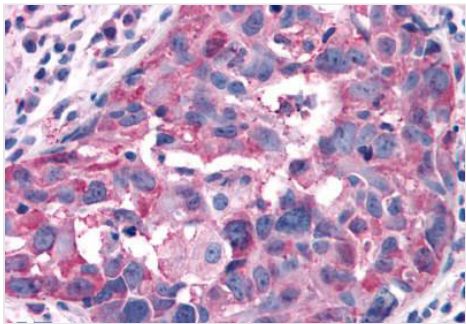
PRODUCT SYNONYMS

GPRC5A / RAI3; Polyclonal Antibody; Rabbit Polyclonal to Human GPRC5A / RAI3; Anti-GPRC5A / RAI3 Antibody (Cytoplasmic Domain) IHC-plus; GPRC5A; RAIG-1; Retinoic acid induced 3; Retinoic acid responsive; GPCR5A; RAI3; RAIG1; Retinoic acid-inducible gene 1; Human GPRC5A; anti-GPRC5A antibody

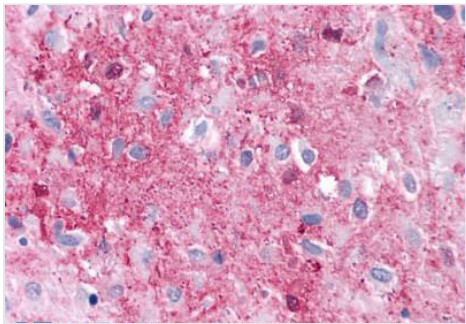
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gorilla, Human Predicted Reactivity: Gibbon, Monkey, Bat, Dog (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human GPRC5A / RAI3. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	357
Applicable Applications for anti-GPRC5A antibody	IHC (Immunohistochemistry)
Usage Not Recommended	Immunocytochemistry (ICC)
Target Species	Human
Immunogen Description	Synthetic 16 amino acid peptide from 1st cytoplasmic domain of human GPRC5A / RAI3. Percent identity with other species by BLAST analysis: Human, Gorilla (100%); Gibbon, Monkey, Bat, Dog, Panda (94%); Marmoset, Bovine (88%); Hamster, Rabbit, Opossum.
Immunogen Type	Synthetic peptide
Immunogen	GPRC5A / RAI3 antibody was raised against synthetic 16 amino acid peptide from 1st cytoplasmic domain of human GPRC5A / RAI3. Percent identity with other species by BLAST analysis: Human, Gorilla (100%); Gibbon, Monkey, Bat, Dog, Panda (94%); Marmoset, Bovine (88%); Hamster, Rabbit, Opossum (81%).
Antigen Modification	Cytoplasmic Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

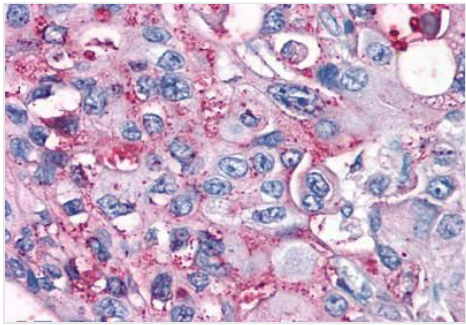
IMAGES



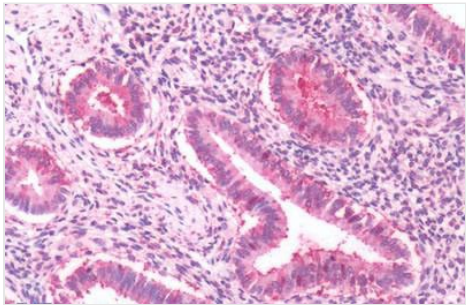
IHC (Immunohistochemistry)
Anti-GPRC5A / RAI3 antibody IHC of human Breast, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



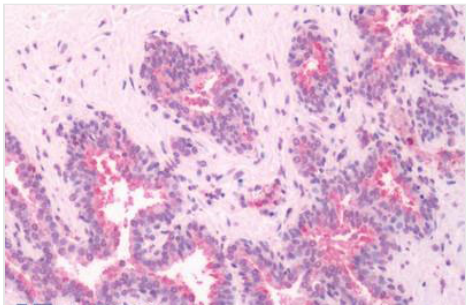
IHC (Immunohistochemistry)
Anti-GPRC5A / RAI3 antibody IHC of human Brain, Glioblastoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-GPRC5A / RAI3 antibody IHC of human Pancreas, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Human, Uterus: Formalin-Fixed Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
Human, Prostate: Formalin-Fixed Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-GPRC5A antibody	RAI3 is an Orphan-C GPCR induced by retinoids.
Product Categories/Family for anti-GPRC5A antibody	Family: GPCR; Subfamily: Orphan-C

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506403
NCBI GeneID	9052
NCBI Accession #	NP_003970.1
NCBI GenBank Nucleotide #	NM_003979.3
UniProt Accession #	Q8NFIJ5; 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; TPA induced gene 1; retinoic acid induced 3; retinoic acid responsive; phorbol ester induced protein-1; retinoic acid-induced gene 1 protein; orphan G-protein-coupling receptor PEIG-1; G-protein coupled receptor family C group 5 member A; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/gprc5a-rai3-antibody-immunohistochemistry-elisa/51359>