

Rabbit GPRC6A Polyclonal Antibody | anti-GPRC6A antibody

Rabbit Polyclonal to Human GPRC6A

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51239	Rabbit	Gorilla, Human, Monkey Predicted Reactivity: Dog, Horse, Pig, Rabbit (at least 90% immunogen sequence identity)	Immunohistochemistry

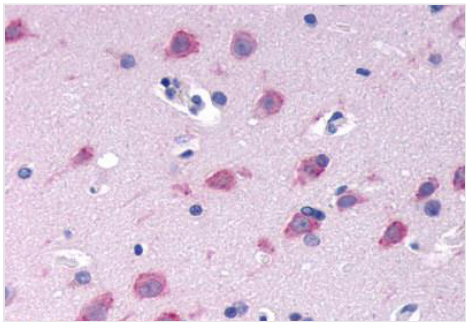
PRODUCT SYNONYMS

GPRC6A; Polyclonal Antibody; Rabbit Polyclonal to Human GPRC6A; Anti-GPRC6A Antibody (N-Terminus) IHC-plus; BA86F4.3; HGPCR33; HGPRC6A; Predicted with SOSUI analysis; Human GPRC6A; anti-GPRC6A antibody

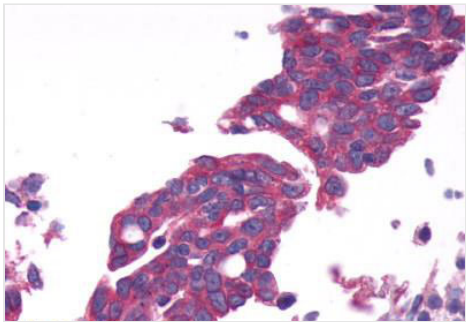
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gorilla, Human, Monkey Predicted Reactivity: Dog, Horse, Pig, Rabbit (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human GPRC6A. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except NBPF3 (59%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	926
Applicable Applications for anti-GPRC6A antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 17 amino acid peptide from N-terminal extracellular domain of human GPRC6A. Percent identity with other species by BLAST analysis: Human, Gorilla, Monkey, Panda (100%); Dog, Elephant, Rabbit, Horse, Pig (94%).
Immunogen Type	Synthetic peptide
Immunogen	GPRC6A antibody was raised against synthetic 17 amino acid peptide from N-terminal extracellular domain of human GPRC6A. Percent identity with other species by BLAST analysis: Human, Gorilla, Monkey, Panda (100%); Dog, Elephant, Rabbit, Horse, Pig (94%); Marmoset, Mouse, Rat, Bovine, Hamster (82%).
Antigen Modification	N-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-GPRC6A antibody IHC of human brain, neurons and glia. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-GPRC6A antibody IHC of human Ovary, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-GPRC6A antibody	GPRC6A has been shown to bind to L-alpha-amino acids. Recently GPRC6A has been suggested to be a calcium-sensing receptor (Pi et al. 2005).
Product Categories/Family for anti-GPRC6A antibody	Family: GPCR; Subfamily: Amino Acid Receptor

NCBI AND UNIPROT INFORMATION

NCBI GI #	112807234
NCBI GeneID	222545
NCBI Accession #	NP_683766.2
NCBI GenBank Nucleotide #	NM_148963.3
UniProt Accession #	Q5T6X5; Q6JK43; Q6JK44; Q8NGU8; Q8NHZ9; Q8TDT6
Molecular Weight	96,526 Da
NCBI Official Full Name	G-protein coupled receptor family C group 6 member A isoform 1
NCBI Official Synonym Full Names	G protein-coupled receptor, class C, group 6, member A
NCBI Official Symbol	GPRC6A
NCBI Official Synonym Symbols	GPCR; bA86F4.3
NCBI Protein Information	G-protein coupled receptor family C group 6 member A; predicted with SOSUI analysis; G-protein coupled receptor GPCR33; seven transmembrane helix receptor; G protein-coupled receptor, family C, group 6, member A
UniProt Protein Name	G-protein coupled receptor family C group 6 member A
UniProt Gene Name	GPRC6A
UniProt Synonym Gene Names	hGPRC6A; hGPCR33
UniProt Entry Name	GPC6A_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.