

Rabbit GPR4 Polyclonal Antibody | anti-GPR4 antibody

Rabbit Polyclonal to Human GPR4

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51557	Rabbit	Gibbon, Dog, Human, Monkey, Pig Predicted Reactivity: Bat, Bovine, Rabbit, Zebrafish (at least 90% immunogen sequence identity)	Immunocytochemistry, Immunohistochemistry

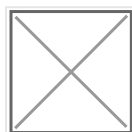
PRODUCT SYNONYMS

GPR4; Polyclonal Antibody; Rabbit Polyclonal to Human GPR4; Anti-GPR4 Antibody (Cytoplasmic Domain) IHC-plus; G-protein coupled receptor 19; G-protein coupled receptor 4; Gpr6c; G protein-coupled receptor 4; Human GPR4; anti-GPR4 antibody

PRODUCT SPECIFICATIONS

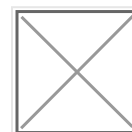
Host	Rabbit
Reactivity	Gibbon, Dog, Human, Monkey, Pig Predicted Reactivity: Bat, Bovine, Rabbit, Zebrafish (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human GPR4. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	362
Applicable Applications for anti-GPR4 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 20 amino acid peptide from 3rd cytoplasmic domain of human GPR4. Percent identity with other species by BLAST analysis: Human, Gibbon, Monkey, Dog, Panda, Pig (100%); Bovine, Bat, Rabbit, Zebrafish (95%); Mouse, Rat (85%).
Immunogen Type	Synthetic peptide
Immunogen	GPR4 antibody was raised against synthetic 20 amino acid peptide from 3rd cytoplasmic domain of human GPR4. Percent identity with other species by BLAST analysis: Human, Gibbon, Monkey, Dog, Panda, Pig (100%); Bovine, Bat, Rabbit, Zebrafish (95%); Mouse, Rat (85%).
Antigen Modification	Cytoplasmic Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)

Anti-GPR4 antibody IHC of human Ovary, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)

Anti-GPR4 antibody IHC of human lung, respiratory epithelium. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)

Anti-GPR4 antibody IHC of human Lung, Adenocarcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-GPR4 antibody	GPR4 is a Lysophospholipid/Lysosphingolipid receptor. Recently, GPR4 has been shown to act as a proton-sensing receptor stimulating inositol phosphate formation (Ludwig et al. 2003).
Product Categories/Family for anti-GPR4 antibody	Family: GPCR; Subfamily: Lysophospholipid/Lysosphingolipid

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885335
NCBI GeneID	2828
NCBI Accession #	NP_005273.1
NCBI GenBank Nucleotide #	NM_005282.2
UniProt Accession #	P46093; Q6NWM4; A8K3T3; B0M0K1
Molecular Weight	40,982 Da
NCBI Official Full Name	G-protein coupled receptor 4
NCBI Official Synonym Full Names	G protein-coupled receptor 4
NCBI Official Symbol	GPR4
NCBI Protein Information	G-protein coupled receptor 4; G-protein coupled receptor 19
UniProt Protein Name	G-protein coupled receptor 4
UniProt Gene Name	GPR4
UniProt Synonym Gene Names	GPR19
UniProt Entry Name	GPR4_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://stage.aaabiotech.com/polyclonal/gpr4-antibody-immunocytochemistry-immunohistochemistry-elisa/51557>