

Rabbit GPR4 Polyclonal Antibody | anti-GPR4 antibody

Rabbit Polyclonal to Human GPR4

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA12324	Rabbit	Gibbon, Dog, Gorilla, Human, Monkey Predicted Reactivity: Mouse, Rat, Bat, Bovine, Pig (at least 90% immunogen sequence identity)	Immunohistochemistry, Immunocytochemistry

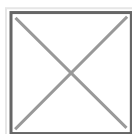
PRODUCT SYNONYMS

GPR4; Polyclonal Antibody; Rabbit Polyclonal to Human GPR4; Anti-GPR4 Antibody (C-Terminus) 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

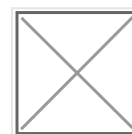
Host	Rabbit
Reactivity	Gibbon, Dog, Gorilla, Human, Monkey Predicted Reactivity: Mouse, Rat, Bat, Bovine, Pig (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human GPR4. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	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	IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Application Notes	ICC, IHC-P (24 ug/ml)
Target Species	Human
Immunogen Description	Synthetic 19 amino acid peptide from C-terminus of human GPR4. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Dog, Panda (100%); Mouse, Rat, Bovine, Bat, Pig (95%); Rabbit (89%).
Immunogen Type	Synthetic peptide
Immunogen	GPR4 antibody was raised against synthetic 19 amino acid peptide from C-terminus of human GPR4. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Dog, Panda (100%); Mouse, Rat, Bovine, Bat, Pig (95%); Rabbit (89%).
Antigen Modification	C-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



Transfection Control

Anti-GPR4 antibody immunocytochemistry (ICC) staining of untransfected HEK293 human embryonic kidney cells.



Transfection

Anti-GPR4 antibody immunocytochemistry (ICC) staining of HEK293 human embryonic kidney cells transfected with GPR4.

**IHC (Immunohistochemistry)**

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

**IHC (Immunohistochemistry)**

Anti-GPR4 antibody IHC of human Skin, Melanoma. 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 Pancreas, Carcinoma. 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-immunohistochemistry-immunocytochemistry-elisa/12324>