

Rabbit GPR48 / LGR4 Polyclonal Antibody | anti-GPR48 antibody

Rabbit Polyclonal to Human GPR48 / LGR4

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51588	Rabbit	Gibbon, Bovine, Dog, Gorilla, Horse, Human, Monkey, Pig, Rabbit Predicted Reactivity: Mouse, Hamster (at least 90% immunogen sequence identity)	Immunohistochemistry

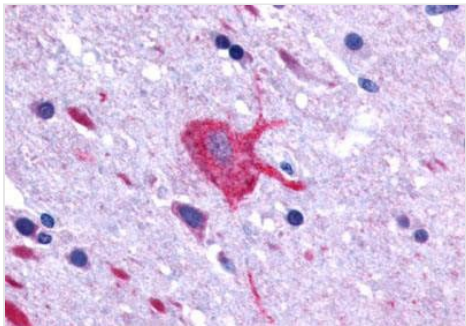
PRODUCT SYNONYMS

GPR48 / LGR4; Polyclonal Antibody; Rabbit Polyclonal to Human GPR48 / LGR4; Anti-GPR48 / LGR4 Antibody (C-Terminus) IHC-plus; LGR4; G-protein coupled receptor 48; G protein-coupled receptor 48; GPR48; Human GPR48; anti-GPR48 antibody

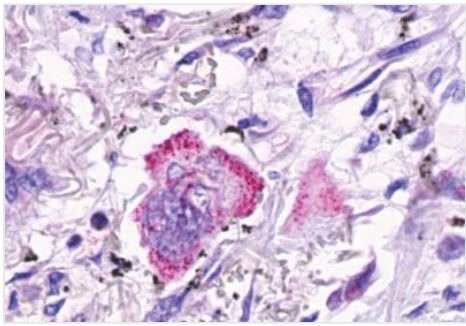
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Bovine, Dog, Gorilla, Horse, Human, Monkey, Pig, Rabbit Predicted Reactivity: Mouse, Hamster (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human LGR4. 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	951
Applicable Applications for anti-GPR48 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 18 amino acid peptide from C-terminus of human LGR4. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Elephant, Panda, Bovine, Dog, Horse, Rabbit, Pig (100%).
Immunogen Type	Synthetic peptide
Immunogen	GPR48 / LGR4 antibody was raised against synthetic 18 amino acid peptide from C-terminus of human LGR4. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Elephant, Panda, Bovine, Dog, Horse, Rabbit, Pig (100%); Mouse, Hamster, Opossum, Platypus (94%); Rat, Turkey (89%); Xenopus (83%).
Antigen Modification	C-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-LGR4 antibody IHC of human brain, neurons and glia. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-GPR48 / LGR4 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-GPR48 antibody	GPR48 is an Orphan-A GPCR with an unknown ligand.
Product Categories/Family for anti-GPR48 antibody	Family: GPCR; Subfamily: Orphan-A

NCBI AND UNIPROT INFORMATION

NCBI GI #	157694513
NCBI GeneID	55366
NCBI Accession #	NP_060960.2
NCBI GenBank Nucleotide #	NM_018490.2
UniProt Accession #	Q9BXB1; Q8N537; Q9NYD1; A6NCH3; G5E9B3
Molecular Weight	101,667 Da
NCBI Official Full Name	leucine-rich repeat-containing G-protein coupled receptor 4
NCBI Official Synonym Full Names	leucine-rich repeat containing G protein-coupled receptor 4
NCBI Official Symbol	LGR4
NCBI Official Synonym Symbols	GPR48; BNMD17
NCBI Protein Information	leucine-rich repeat-containing G-protein coupled receptor 4; G protein-coupled receptor 48
UniProt Protein Name	Leucine-rich repeat-containing G-protein coupled receptor 4
UniProt Gene Name	LGR4
UniProt Synonym Gene Names	GPR48
UniProt Entry Name	LGR4_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.