

Rabbit GPR68 / OGR1 Polyclonal Antibody | anti-GPR68 antibody

Rabbit Polyclonal to Human GPR68 / OGR1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51165	Rabbit	Gibbon, Bovine, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Pig, Rabbit, Rat	Immunohistochemistry

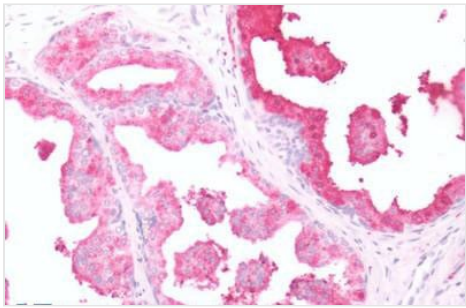
PRODUCT SYNONYMS

GPR68 / OGR1; Polyclonal Antibody; Rabbit Polyclonal to Human GPR68 / OGR1; Anti-GPR68 / OGR1 Antibody (C-Terminus) IHC-plus; GPR68; Brgrb; G protein-coupled receptor 68; G-protein coupled receptor 68; OGR1; Brgr1; GPR12A; OGR-1; Human GPR68; anti-GPR68 antibody

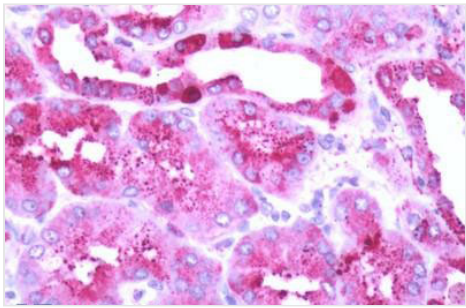
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Bovine, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Specificity	Human GPR68. 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	365
Applicable Applications for anti-GPR68 antibody	IHC (Immunohistochemistry)
Usage Not Recommended	Immunohistochemistry (IHC-P)
Target Species	Human
Immunogen Description	Synthetic 16 amino acid peptide from C-terminus of human GPR68. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Bovine, Hamster, Elephant, Horse, Rabbit, Pig (100%).
Immunogen Type	Synthetic peptide
Immunogen	GPR68 / OGR1 antibody was raised against synthetic 16 amino acid peptide from C-terminus of human GPR68. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Bovine, Hamster, Elephant, Horse, Rabbit, Pig (100%); Dog, Bat, Panda, Platypus (88%).
Antigen Modification	C-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



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



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

ADDITIONAL INFORMATION

Related Product Information for anti-GPR68 antibody	OGR1, a Lysophospholipid/Lysosphingolipid Receptor, was isolated by degenerate PCR from an ovarian cell line cDNA library. It is not expressed in normal ovary. OGR1 binds sphingosylphosphorylcholine, a lipid molecule involved in cell growth and survival. Recently, OGR1 has been shown to act as a proton-sensing receptor stimulating inositol phosphate formation (Ludwig et al. 2003).
Product Categories/Family for anti-GPR68 antibody	Family: GPCR; Subfamily: Lysophospholipid/Lysosphingolipid

NCBI AND UNIPROT INFORMATION

NCBI GI #	295054323
NCBI GeneID	8111
NCBI Accession #	NP_003476.3
NCBI GenBank Nucleotide #	NM_003485.3
UniProt Accession #	Q15743; Q13334; Q4VBB4; Q6IX34
Molecular Weight	41,077 Da
NCBI Official Full Name	ovarian cancer G-protein coupled receptor 1
NCBI Official Synonym Full Names	G protein-coupled receptor 68
NCBI Official Symbol	GPR68
NCBI Official Synonym Symbols	OGR1; GPR12A
NCBI Protein Information	ovarian cancer G-protein coupled receptor 1; G-protein coupled receptor 68; sphingosylphosphorylcholine receptor; ovarian cancer G protein-coupled receptor, 1
UniProt Protein Name	Ovarian cancer G-protein coupled receptor 1
UniProt Gene Name	GPR68
UniProt Synonym Gene Names	OGR1; OGR-1
UniProt Entry Name	OGR1_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.