

Rabbit GPR80 / GPR99 / OXGR1 Polyclonal Antibody | anti-GPR80 antibody

Rabbit Polyclonal to Human GPR80 / GPR99 / OXGR1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50810	Rabbit	Gibbon, Gorilla, Human Predicted Reactivity: Monkey, Mouse, Rat, Rabbit (at least 90% immunogen sequence identity)	ELISA, Immunohistochemistry

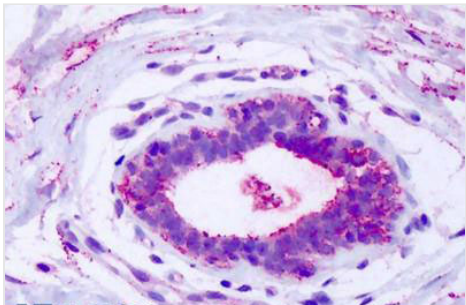
PRODUCT SYNONYMS

GPR80 / GPR99 / OXGR1; Polyclonal Antibody; Rabbit Polyclonal to Human GPR80 / GPR99 / OXGR1; Anti-GPR80 / GPR99 / OXGR1 Antibody (Extracellular Domain) IHC-plus; OXGR1; 2-oxoglutarate receptor 1; Alpha-ketoglutarate receptor 1; G protein-coupled receptor 80; GPR80; G-protein coupled receptor 99; GPR99; p2Y purinoceptor 15; p2Y-like nucleotide receptor; p2RY15; Oxoglutarate receptor 1; p2Y-like GPCR; p2Y15; Human GPR80; anti-GPR80 antibody

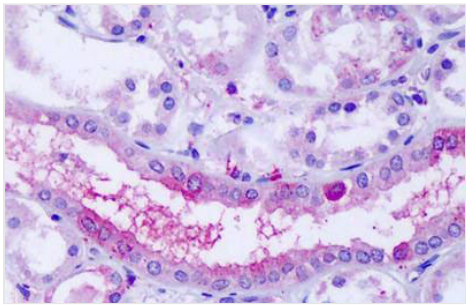
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Gorilla, Human Predicted Reactivity: Monkey, Mouse, Rat, Rabbit (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human OXGR1. 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	337
Applicable Applications for anti-GPR80 antibody	ELISA, IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 17 amino acid peptide from 2nd extracellular domain of human OXGR1. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Marmoset (100%); Monkey, Mouse, Rat, Rabbit (94%); Dog, Bat, Hamster, Panda, Horse (88%).
Immunogen Type	Synthetic peptide
Immunogen	GPR80 / GPR99 / OXGR1 antibody was raised against synthetic 17 amino acid peptide from 2nd extracellular domain of human OXGR1. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Marmoset (100%); Monkey, Mouse, Rat, Rabbit (94%); Dog, Bat, Hamster, Panda, Horse (88%).
Antigen Modification	Extracellular Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-OXGR1 antibody IHC of human breast. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-OXGR1 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-GPR80 antibody	The G protein-coupled receptor GPR80/GPR99/P2Y15 is similar to the purinergic P2Y receptors.
Product Categories/Family for anti-GPR80 antibody	Family: GPCR; Subfamily: Purinergic

NCBI AND UNIPROT INFORMATION

NCBI GI #	52426789
NCBI GeneID	27199
NCBI Accession #	NP_543008.3
NCBI GenBank Nucleotide #	NM_080818.3
UniProt Accession #	Q96P68; Q5T5A7; Q86TL1
Molecular Weight	38,251 Da
NCBI Official Full Name	2-oxoglutarate receptor 1
NCBI Official Synonym Full Names	oxoglutarate (alpha-ketoglutarate) receptor 1
NCBI Official Symbol	OXGR1
NCBI Official Synonym Symbols	aKGR; GPR80; GPR99; P2Y15; P2RY15
NCBI Protein Information	2-oxoglutarate receptor 1; P2Y-like GPCR; P2Y purinoceptor 15; P2Y-like nucleotide receptor; G protein-coupled receptor 80; G protein-coupled receptor 99; G-protein coupled receptor 80; G-protein coupled receptor 99; alpha-ketoglutarate receptor 1; seven transmembrane helix receptor
UniProt Protein Name	2-oxoglutarate receptor 1
UniProt Gene Name	OXGR1
UniProt Synonym Gene Names	GPR80; GPR99; P2RY15; P2Y15; P2Y15
UniProt Entry Name	OXGR1_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.