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GPR97 Rabbit pAb

Catalog # AP98953

Product Information

Application	IHC-P, IHC-F, IF, E
Predicted	Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse GPR97
Epitope Specificity	161-260/542
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily. Contains 1 GPS domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	G protein-coupled receptors (GPRs), also known as seven transmembrane receptors, heptahelical receptors or 7TM receptors, comprise a superfamily of proteins that play a role in many different stimulus-response pathways. G protein coupled receptors translate extracellular signals into intracellular signals (G protein activation) and they respond to a variety of signaling molecules, such as hormones and neurotransmitters. GPR97 (G protein-coupled receptor 97), also known as PB99 or PGR26, is a 549 amino acid multi-pass membrane protein that contains one GPS domain and belongs to the G-protein coupled receptor 2 family. GPR97 functions as an orphan receptor that is thought to play a role in signaling events throughout the cell.

Additional Information

Other Names	GPR97; PB99; PGR26; A030001G24Rik; Pb1; AGRG3_HUMAN; ADGRG3; G-protein coupled receptor 97; AGRG3_MOUSE; adhesion G protein-coupled receptor G3; G protein-coupled receptor 97
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Name	GPR97 Rabbit pAb
Function	Orphan receptor.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.