SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-GPR155 antibody

Catalog Number: SL15380R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	GPR155
Immunogen:	KLH conjugated synthetic peptide derived from human GPR155: 701-800/870
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Cow, Rabbit, Sheep)
Predicted MW.:	97kDa
Subcellular Location:	The cell membrane
Background:	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. GPR155 (G protein-coupled receptor 155), also known as DEP.7, PGR22 or DEPDC3, is an 870 amino acid multi-pass membrane protein that contains one DEP domain. The gene encoding GPR155 maps to human chromosome 2, which consists of 237 million bases, encodes over 1,400 genes and makes up approximately 8% of

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	the human genome. A number of genetic diseases are linked to genes on chromosome 2 including Harlequin icthyosis, sitosterolemia and Alström syndrome. **Subcellular Location:** Membrane; Multi-pass membrane protein. **Similarity:** Contains 1 DEP domain. **Database links:** **Entrez Gene:** 151556 Human **SwissProt:** Q7Z3F1 Human **Unigene:** 516604 Human

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