SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-GPR125 antibody

Catalog Number: SL15359R

FOR RESEARCH USE ONLY

[DATASHEET]

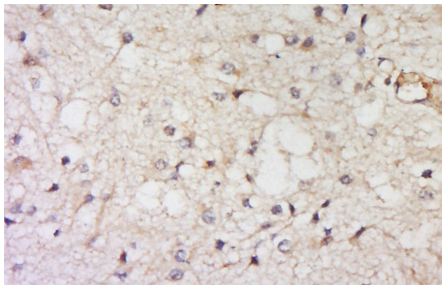
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	GPR125
Immunogen:	KLH conjugated synthetic peptide derived from human GPR125: 351-450/1321 <Extracellular>
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human(predicted:Mouse,Rat,Dog,Cow,Horse,Sheep)
Predicted MW.:	142kDa
Subcellular Location:	The cell membrane
Background:	GPR125 is an orphan receptor which has a leucine rich repeat (LRR),an immunoglobulin (Ig) domain, and a hormone-binding domain (HBD). The Ig domain shows similarities to motilin andtitin, while the LRR domain shows similarities to LRIG1 and SLIT1-2. ESTs have been isolated primarily from amnion,connective tissue, ear, embryo, eye,ganglion, heart, lung,placenta, and skin libraries. **Function:** Orphan receptor. **Subunit:** Interacts with DLG1. **Subcellular Location:** Cell membrane; Multi-pass membrane protein. **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.

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	Contains 1 Ig-like (immunoglobulin-like) domain. Contains 5 LRR (leucine-rich) repeats. Contains 1 LRRCT domain. **Database links:** **Entrez Gene:** 166647 Human **Entrez Gene:** 70693 Mouse Omim: 612303 Human **SwissProt:** Q8IWK6 Human **SwissProt:** Q7TT36 Mouse

[VALIDATION IMAGES]



Tissue/cell: Human brain gliomas; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (1M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;
Incubation: Anti-GPR125 Polyclonal Antibody, Unconjugated(SL15359R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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