SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-GPR37L1 antibody

Catalog Number: SL15390R

FOR RESEARCH USE ONLY

[DATASHEET]

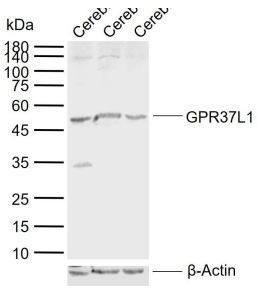
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	GPR37L1
Immunogen:	KLH conjugated synthetic peptide derived from human GPR37L1: 101-200/481 <Extracellular>
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse,Rat(predicted:Human)
Predicted MW.:	50kDa
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. GPR37L1 (GPR 37-like 1), also known as ETBRLP2 (endothelin B receptor-like protein 2), is a 481 amino acid multi-pass membrane protein that belongs to the GPR1 family. Expressed in the central nervous system, GPR37L1 functions as an orphan receptor and is encoded by a gene that maps to human chromosome 1q32.1. **Function:** Orphan receptor. **Subcellular Location:** Cell membrane; Multi-pass membrane protein. **Tissue Specificity:** Expressed in the central nervous system. **Post-translational modifications:** O-glycosylated.

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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	Similarity: Belongs to the G-protein coupled receptor 1 family. **Database links:** **Entrez Gene:** 9283 Human **SwissProt:** O60883 Human **Unigene:** 132049 Human

[VALIDATION IMAGES]



Sample:
Lane 1: Mouse Cerebrum tissue lysates
Lane 2: Mouse Cerebellum tissue lysates
Lane 3: Rat Cerebrum tissue lysates
Primary: Anti-GPR37L1 (SL15390R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 50 kDa
Observed band size: 50 kDa

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