SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-GPR142 antibody

Catalog Number: SL15378R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	GPR142
Immunogen:	KLH conjugated synthetic peptide derived from human GPR142 : 251-350/462 <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 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human
Predicted MW.:	51kDa
Subcellular Location:	The cell membrane
Background:	GPR142 is a member of the rhodopsin family of G protein-coupled receptors (GPRs) (Fredriksson et al., 2003 [PubMed 14623098]).[supplied by OMIM, Mar 2008] **Function:** Orphan receptor. **Subcellular Location:** Cell membrane; Multi-pass membrane protein. **Tissue Specificity:** Exclusively expressed in the central nervous system, most abundantly in the ventrolateral region of caudate putamen, the habenular nucleus, the zona incerta, and the medial mammillary nucleus. **Similarity:** Belongs to the G-protein coupled receptor 1 family. **Database links:** **Entrez Gene:** 350383 Human Omim: 609046 Human **SwissProt:** Q7Z601 Human **Unigene:** 574368 Human

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

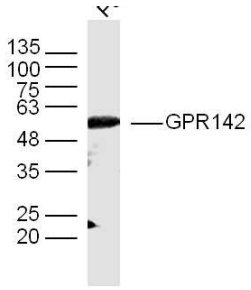
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[VALIDATION IMAGES]



Sample: panc-1 (human)Cell Lysate at 40 ug
Primary: Anti-GPR142(SL15378R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 51 kD
Observed band size: 51 kD

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