SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
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[Primary Antibody]

Rabbit Anti-GPR89A antibody

Catalog Number: SL15391R

FOR RESEARCH USE ONLY

[DATASHEET]

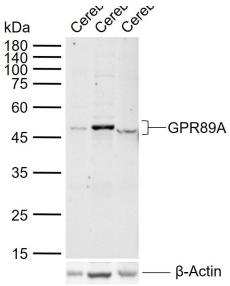
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	GPR89A
Immunogen:	KLH conjugated synthetic peptide derived from human GPR89A: 221-320/445
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. 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 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:	Mouse, Rat, (predicted: Human, Dog, Cow, Rabbit, Sheep)
Predicted MW.:	53kDa
Subcellular Location:	cytoplasmic
Background:	GPR89A is a nearly identical copy of the GPR89B gene (MIM612806). **Function:** Voltage dependent anion channel required for acidification and functions of the Golgi apparatus that may function in counter-ion conductance. **Subunit:** Homotrimer. **Subcellular Location:** Golgi apparatus membrane; Multi-pass membrane protein. **Tissue Specificity:** Ubiquitous. **Similarity:** Belongs to the Golgi pH regulator (TC 1.A.38) family. **Database links:** **Entrez Gene:** 653519 Human **Entrez Gene:** 67549 Mouse **Entrez Gene:** 362003 Rat

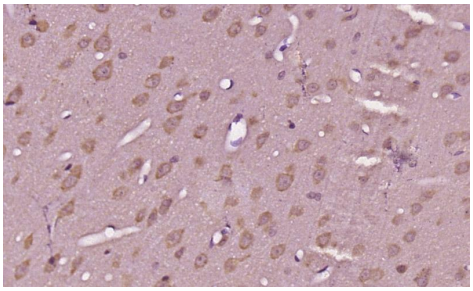
Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Omim: 612821 Human **SwissProt:** B7ZAQ6 Human **SwissProt:** Q8BS95 Mouse

[VALIDATION IMAGES]





Sample:
Lane 1: Mouse Cerebrum tissue lysates
Lane 2: Mouse Cerebellum tissue lysates
Lane 3: Rat Cerebrum tissue lysates
Primary: Anti-GPR89A (SL15391R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 53 kDa
Observed band size: 50 kDa

Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (GPR89A) Polyclonal Antibody, Unconjugated (SL15391R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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