10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

GPR89A Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55976

Specification

GPR89A Polyclonal Antibody - Product Information

Application	**WB, IHC-P, IHC-F, IF, ICC, E**
Primary Accession	B7ZAQ6
Reactivity	**Rat, Dog, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**53 KDa**
Physical State	**Liquid**
Immunogen	**KLH conjugated synthetic peptide derived from human GPR89A**
Epitope Specificity	**221-320/445**
Isotype	**IgG**

Purity
affinity purified by Protein A

Buffer	**0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.**
SUBCELLULAR LOCATION	**Golgi apparatus membrane; Multi-pass membrane protein.**
SIMILARITY	**Belongs to the Golgi pH regulator (TC 1.A.38) family.**
SUBUNIT	**Homotrimer.**
Important Note	**This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.**

Background Descriptions
GPR89A is a nearly identical copy of the GPR89B gene (MIM612806).

GPR89A Polyclonal Antibody - Additional Information

Gene ID 51463;653519

Other Names
Golgi pH regulator A, Protein GPR89A, Putative MAPK-activating protein PM01, Putative NF-kappa-B-activating protein 90, GPR89A, GPHRA, GPR89, SH120

Target/Specificity
Ubiquitous.

Dilution
WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br

\>E~~N/A

Format
0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ℃.

GPR89A Polyclonal Antibody - Protein Information

Name GPR89A (HGNC:31984)

Synonyms GPHRA, GPR89, SH120

Function
Voltage-gated channel that enables the transfer of monoatomic anions such as iodide, chloride, bromide and fluoride which may function in counter-ion conductance and participates in Golgi acidification (PubMed:18794847). Plays a role in lymphocyte development, probably by acting as a RABL3 effector in hematopoietic cells (By similarity).

Cellular Location
Golgi apparatus membrane; Multi-pass membrane protein

Tissue Location
Ubiquitous..

GPR89A Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GPR89A Polyclonal Antibody - Images

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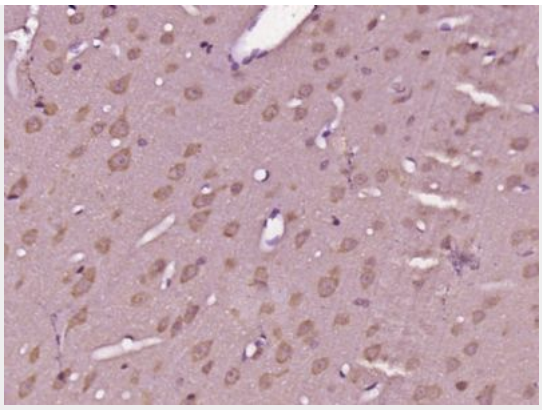

Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (GPR89A) Polyclonal Antibody, Unconjugated (bs-15391R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.