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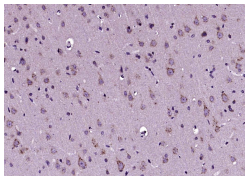
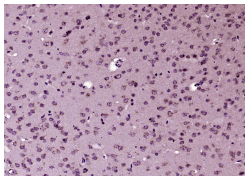
GPR39 Rabbit pAb

Catalog Number:	bs-5789R
Target Protein:	GPR39
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)
Reactivity:	Mouse, Rat (predicted:Human, Rabbit, Cow, Horse)
Predicted MW:	51 kDa
Entrez Gene:	2863
Swiss Prot:	O43194
Source:	KLH conjugated synthetic peptide derived from human GPR39.: 251-350/453.
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	GPCR39 is an integral membrane protein, which belongs to family 1 of G-protein coupled receptors. GPCR39 expression has been documented in human brain and peripheral tissues. ESTs have been isolated from human tissue libraries, including normal eye, brain, heart, melanocyte, uterus, vessel, cancerous brain, germ cell, kidney, and ovary.

VALIDATION IMAGES



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 (GPR39) Polyclonal Antibody, Unconjugated (bs-5789R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse 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 (GPR39) Polyclonal Antibody, Unconjugated (bs-5789R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=6.9] Zhang Zhongyi. et al. GPR39 Agonist TC-G 1008 Promoted Mitochondrial Biogenesis and Improved Antioxidative Capability via CREB/PGC-1α Pathway Following Intracerebral Hemorrhage in Mice. TRANSL STROKE RES. 2024 Mar;:1-20 WB,IF ; Mouse . 38485864

[IF=5.8] Luyun Zhang. et al. Zinc-sensing receptor activation induces endothelium-dependent hyperpolarization-mediated vasorelaxation of arterioles. BIOCHEM PHARMACOL. 2024 Jan;219:115961 ICC ; Mouse . 38049010