
GPR125 Rabbit pAb

Catalog Number: bs-12021R

Target Protein: GPR125

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), Flow-Cyt (1µg/Test)

Reactivity: Mouse (predicted:Human, Rat, Sheep, Cow, Dog, Horse)

Predicted MW: 143 kDa

Entrez Gene: 166647

Swiss Prot: Q8IWK6

Source: KLH conjugated synthetic peptide derived from human GPR125: 422-530/1321.

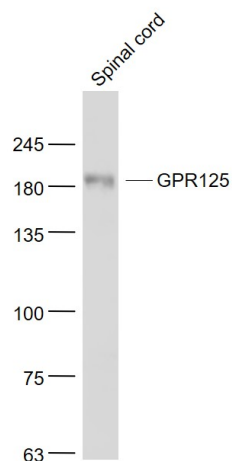
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

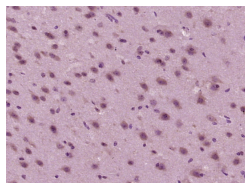
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: GPR125 is an orphan receptor which has a leucine rich repeat (LRR), an immunoglobulin (Ig) domain, and a hormone-binding domain (HBD). The Ig domain shows similarities to motilin and titin, while the LRR domain shows similarities to LRIG1 and SLIT1-2. ESTs have been isolated primarily from amnion, connective tissue, ear, embryo, eye, ganglion, heart, lung, placenta, and skin libraries.

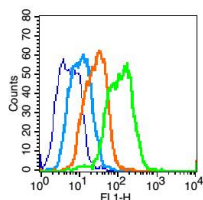
VALIDATION IMAGES



Sample: Spinal cord (Mouse) Lysate at 40 ug Primary: Anti- GPR125 (bs-12021R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 143 kD Observed band size: 183 kD



Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); 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 (GPR125) Polyclonal Antibody, Unconjugated (bs-12021R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Blank control (blue line): Mouse colon (blue). Primary Antibody (green line): Rabbit Anti-GPR125 antibody (bs-12021R) Dilution: 1µg /10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody (white blue line): F(ab')₂ fragment goat anti-rabbit IgG-FITC Dilution: 1µg /test. Protocol The cells were fixed with 2% paraformaldehyde for 10 min at room temperature Cells stained with Primary Antibody for 30 min at room temperature. The cells were then incubated in 1 X PBS/2%BSA/10% goat serum to block non-specific protein-protein interactions followed by the antibody for 15 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.