

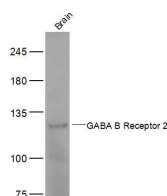
**bs-1293R****[ Primary Antibody ]****GABBR2 Rabbit pAb****Bioss**  
**ANTIBODIES**

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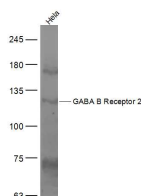
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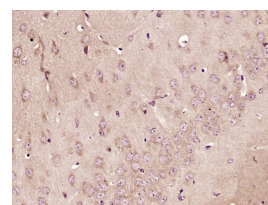
400-901-9800

**DATASHEET****Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 9568**SWISS:** O75899**Target:** GABBR2**Immunogen:** KLH conjugated synthetic peptide derived from human GABBR2: 501-650/941.**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°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.**Background:** The multi-pass membrane protein encoded by this gene belongs to the G-protein coupled receptor 3 family and GABA-B receptor subfamily. The GABA-B receptors inhibit neuronal activity through G protein-coupled second-messenger systems, which regulate the release of neurotransmitters, and the activity of ion channels and adenylyl cyclase. This receptor subunit forms an active heterodimeric complex with GABA-B receptor subunit 1, neither of which is effective on its own. Allelic variants of this gene have been associated with nicotine dependence.[provided by RefSeq, Jan 2010].**Applications:** **WB** (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Reactivity:** Human, Mouse, Rat  
(predicted: Rabbit, Cow, Chicken, Dog, Horse)**Predicted MW.:** 103 kDa**Subcellular Location:** Cell membrane**VALIDATION IMAGES**

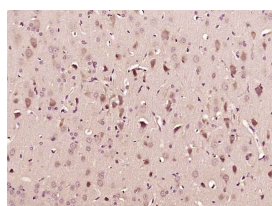
Sample: Brain(Mouse) Lysate at 40 ug Primary: Anti-GABA B Receptor 2 (bs-1293R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 103 kD Observed band size: 125 kD



Sample: HeLa(Human) Cell Lysate at 30 ug Primary: Anti-GABA B Receptor 2 (bs-1293R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 103 kD Observed band size: 125 kD



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 (GABA B Receptor 2) Polyclonal Antibody, Unconjugated (bs-1293R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen

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peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (GABA B Receptor 2) Polyclonal Antibody, Unconjugated (bs-1293R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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## — SELECTED CITATIONS —

- **[IF=64.5]** Zhenyu Xiao. et al. 3D reconstruction of a gastrulating human embryo. CELL. 2024 Apr 23 IF ;Human. 38657603
- **[IF=6.792]** Zhao D et al. PCB52 exposure alters the neurotransmission ligand-receptors in male offspring and contributes to sex-specific neurodevelopmental toxicity. Environ Pollut.2020 Sep;264:114715. WB ;Rat. 32402713
- **[IF=5.62]** Dan Dong. et al. Dapagliflozin inhibits the activity of lateral habenula to alleviate diabetes mellitus-induced depressive-like behavior. EXP NEUROL. 2023 Aug;366:114448 WB ;Rat. 37211324