

bs-12065R

[Primary Antibody]

GABRB2 Rabbit pAb

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ANTIBODIES

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DATASHEET

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

GeneID: 2561

Target: GABRB2

Immunogen: KLH conjugated synthetic peptide derived from human GABRB2/GABA A Receptor beta 2: 251-350/512. < Extracellular >

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: Gamma-aminobutyric acid type A (GABAA) receptors are members of the neurotransmitter ligand-gated ion channels that mediate neuronal inhibition on binding GABA. The effects of GABA on GABAA receptors are modulated by a range of therapeutically important drugs, including barbiturates, anaesthetics and benzodiazepines.

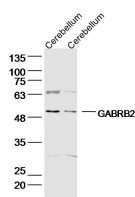
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

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

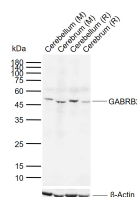
Predicted MW.: 56 kDa

Subcellular Location: Cell membrane

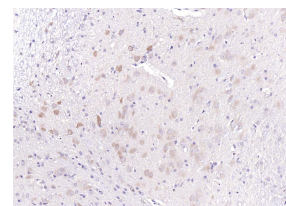
VALIDATION IMAGES



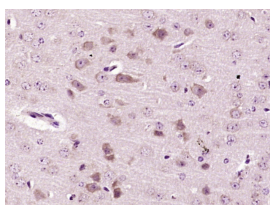
Sample: Cerebellum (rat) Lysate at 40 ug
Cerebellum (mouse) Lysate at 40 ug
Primary: Anti- GABRB2 (bs-12065R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 56 kD
Observed band size: 56 kD



Sample: Lane 1: Mouse Cerebellum tissue lysates
Lane 2: Mouse Cerebrum tissue lysates
Lane 3: Rat Cerebellum tissue lysates
Lane 4: Rat Cerebrum tissue lysates
Primary: Anti-GABRB2 (bs-12065R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 56 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 (GABRB2) Polyclonal Antibody, Unconjugated (bs-12065R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and 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 (GABRB2) Polyclonal Antibody, Unconjugated (bs-12065R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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

4°C, followed by operating according to SP
Kit(Rabbit) (sp-0023) instructions and DAB
staining.