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## GAP43 Recombinant Rabbit mAb

Catalog Number: bsm-52565R

Target Protein: GAP43

Concentration: 1mg/ml

Form: Lyophilized or Liquid

Host: Rabbit

Clonality: Recombinant

Clone No.: 8H2

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ICC/IF (1:50-200), IP (1:20-50)

Reactivity: Human, Mouse, Rat

Predicted MW: 25 kDa

Subcellular: Extracellular matrix, Cell membrane, Cytoplasm

Locations:

Entrez Gene: 2596

Swiss Prot: P17677

Purification: affinity purified by Protein A

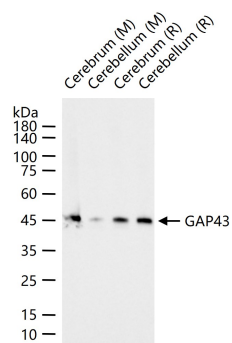
Storage: PBS, Glycerol, BSA.

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

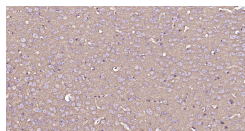
**Background:** The protein encoded by this gene has been termed a 'growth' or 'plasticity' protein because it is expressed at high levels in neuronal growth cones during development and axonal regeneration. This protein is considered a crucial component of an effective regenerative response in the nervous system. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

### VALIDATION IMAGES

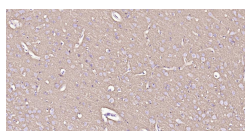
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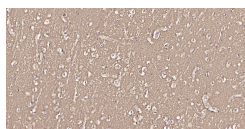
25 ug total protein per lane of various lysates (see on figure) probed with GAP43 monoclonal antibody, unconjugated (bsm-52565R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



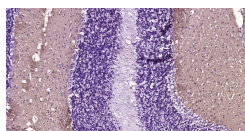
Paraformaldehyde-fixed, paraffin embedded Mouse Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with GAP43 Monoclonal Antibody, Unconjugated(bsm-52565R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



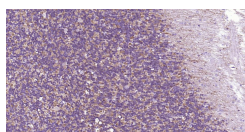
Paraformaldehyde-fixed, paraffin embedded Rat Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with GAP43 Monoclonal Antibody, Unconjugated(bsm-52565R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with GAP43 Monoclonal Antibody, Unconjugated(bsm-52565R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Mouse Cerebellum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with GAP43 Monoclonal Antibody, Unconjugated(bsm-52565R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Rat Cerebellum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with GAP43 Monoclonal Antibody, Unconjugated(bsm-52565R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.