A16857

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GAP43 Rabbit pAb

Catalog No.: A16857 3 Publications

Basic Information

Observed MW
Refer to figures

Calculated MW
25kDa

Category
Polyclonal Antibody

Applications
WB,IHC-P,ELISA

Cross-Reactivity
Mouse,Rat

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.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
2596

Swiss Prot
P17677

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
B-50; PP46; GAP-43; GAP43

Contact

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Product Information

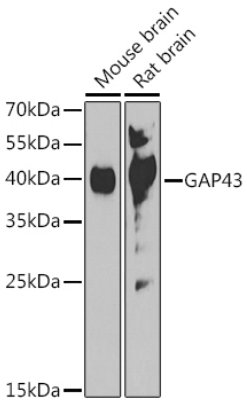
Source
Rabbit

Isotype
IgG

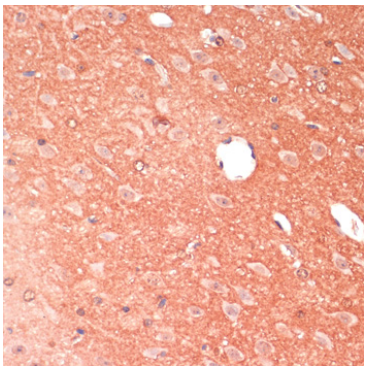
Purification
Affinity purification

Storage
Store at -20℃

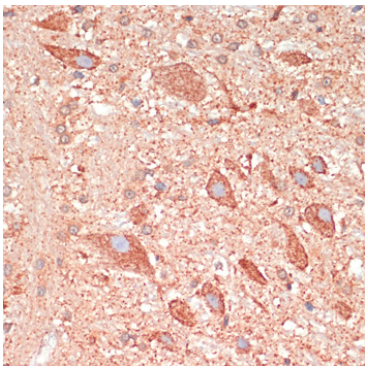
Validation Data



Western blot analysis of various lysates using GAP43 Rabbit pAb (A16857) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Mouse brain using GAP43 Rabbit pAb (A16857) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat brain using GAP43 Rabbit pAb (A16857) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.