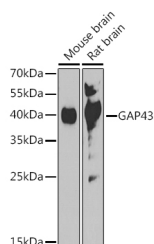


GAP43 Polyclonal Antibody

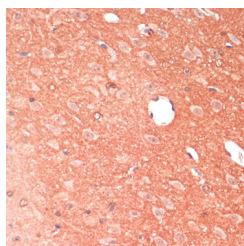
Catalog No.	E-AB-66966	Reactivity	M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

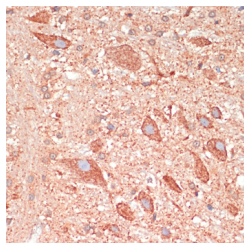
Images



Western blot analysis of extracts of various cell lines using GAP43 Polyclonal Antibody at 1:1000 dilution.



Immunohistochemistry of paraffin-embedded mouse brain using GAP43 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded rat brain using GAP43 Polyclonal antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS

Immunogen Information

Immunogen	Recombinant fusion protein of human GAP43
GeneID	2596
Swissprot	P17677
Synonyms	B-50,PP46,GAP43

Product Information

Calculated MW	24kDa/28kDa
Observed MW	Refer to figures
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Purify	Affinity purification
Dilution	WB 1:500-1:2000, IHC 1:50-1:200

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.

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Applications: WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.

buffer pH 7.2 before commencing
with IHC staining protocol.

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Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.