

**Product Name: GAP43 Rabbit Monoclonal Antibody****Catalog #: AMRe21353**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,ELISA,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG,Kappa
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.3mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
<b>Purification</b>	Protein A

**Application**

<b>Dilution Ratio</b>	WB 1:2000-1:10000,IHC 1:200-1:1000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200
<b>Molecular Weight</b>	Calculated MW:25kD;Observed MW:48kD

**Antigen Information**

<b>Gene Name</b>	GAP43
<b>Alternative Names</b>	GAP43;Neuromodulin;Axonal membrane protein GAP-43;Growth-associated protein 43;Neural phosphoprotein B-50;pp46
<b>Gene ID</b>	2596
<b>SwissProt ID</b>	P17677
<b>Immunogen</b>	A synthetic peptide of human GAP43

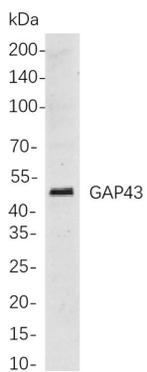
**Background**

Cell localization:Cytoplasm, Membrane.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],

## Research Area

## Image Data



Western blot analysis of lysates from U-87 MG cells, using GAP43 Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.