



# Mouse Anti-Human GAP-43 monoclonal antibody, clone 8C21 (CABT-L1144)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Target</b>	GAP43
<b>Immunogen</b>	Purified, full length GAP-43 protein (both phosphorylated and unphosphorylated forms).
<b>Isotype</b>	IgG2a, κ
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Chicken, Human, Mouse, Rabbit, Reptile, Rat
<b>Clone</b>	8C21
<b>Purification</b>	Protein A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, IHC, WB
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µg
<b>Buffer</b>	PBS, pH 7.4
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	-20°C

## BACKGROUND

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<b>Introduction</b>	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.
<b>Keywords</b>	GAP43; growth associated protein 43; B-50; PP46; neuromodulin; protein F1; neural phosphoprotein B-50; growth-associated protein 43; axonal membrane protein GAP-43; calmodulin-binding protein P-57; nerve growth-related peptide GAP43; neuron growth-associated protein 43

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## GENE INFORMATION

**Gene Name** GAP43

**Entrez Gene ID** [2596](#)

**UniProt ID** [P17677](#)