



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

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

BACKGROUND

Introduction

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.

Keywords

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

GENE INFORMATION

Gene Name	GAP43
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Entrez Gene ID	2596
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UniProt ID	P17677
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