



# GAP43 rabbit pAb

Cat No.:ES20741

For research use only

## Overview

<b>Product Name</b>	GAP43 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	WB: 1:1000-3000
<b>Immunogen</b>	Recombinant Protein of Neuromodulin
<b>Specificity</b>	The antibody detects endogenous GAP43 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Neuromodulin
<b>Gene Name</b>	GAP43
<b>Cellular localization</b>	Cell membrane ; Peripheral membrane protein ; Cytoplasmic side . Cell projection, growth cone membrane ; Peripheral membrane protein ; Cytoplasmic side . Cell junction, synapse . Cell projection, filopodium membrane ; Peripheral membrane protein . Perikar
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	
<b>Observed band</b>	38,43kD
<b>Human Gene ID</b>	2596
<b>Human Swiss-Prot Number</b>	P17677
<b>Alternative Names</b>	GAP43; Neuromodulin; Axonal membrane protein GAP-43; Growth-associated protein 43; Neural phosphoprotein B-50; pp46
<b>Background</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

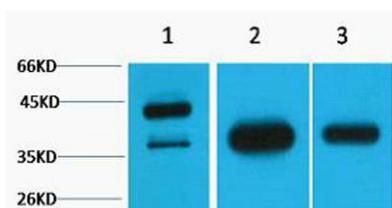




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protein is considered a crucial component of an effective regenerative response in the nervous system. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008],

Western blot analysis of 1) HeLa, 2) Mouse Brain, 3) Rat Brain tissue, diluted at 1:3000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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