

Anti-GAP43 Antibody

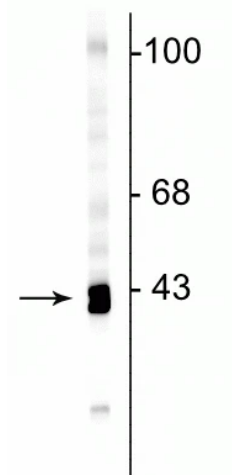


Product Details

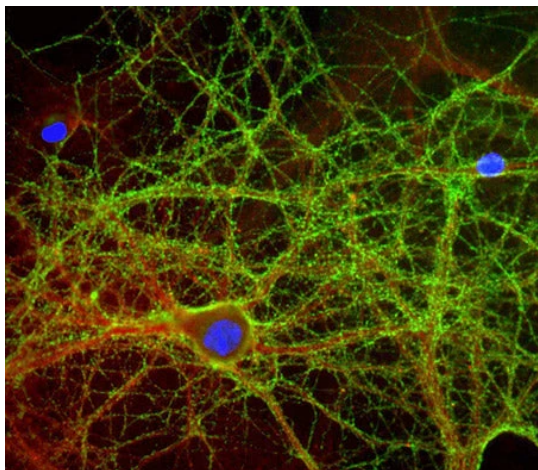
Available Variants	100 µL (SKU:875-GAP43) 25 µL (SKU:875-GAP43t)
Conjugate	Unconjugated
Isotype	IgY
Gene Name	GAP43
Host Species	Chicken
Format	Total IgY fraction
Physical State	Liquid
Buffer	PBS + 10 mM NaN ₃ .
Production Notes	Total IgY fraction
Applications	ELISA, ICC, WB
Dilution Ranges	WB: 1:2000 WB Brain: 1:2000 ICC: 1:500-1:2000
Species Reactivity	Human, Mouse, Rat
Immunogen	Synthetic peptide corresponding to amino acid residues from the C-terminal region of rat GAP43, conjugated to keyhole limpet hemocyanin (KLH).
Specificity	Specific for endogenous levels of the ~43 kDa GAP-43 protein.
Molecular Weight	43 kDa
Quality Control	Western blots performed on each lot.

Storage	Recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 μ L/vial depending on usage) upon arrival and stored long term at -20° C or -80° C, while keeping a working aliquot stored at 4° C for short term. Avoid freeze/thaw cycles. Stable for at least 1 year.
Antibody Registry ID	AB_2492122
UniProt ID	P07936
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
NCBI Gene ID	29423

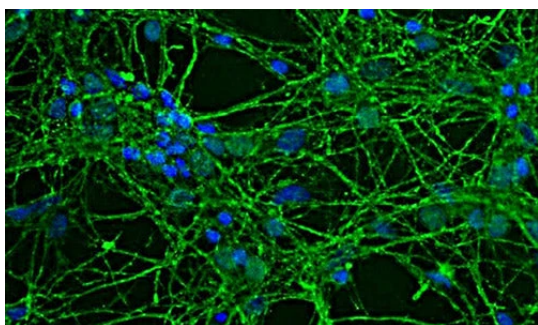
Product Images



Western blot of rat cortical lysate showing specific immunolabeling of the ~43 kDa GAP43 protein.



Immunolabeling of mixed neuron and glial cultures with anti-GAP43 (Cat. 875-GAP43, 1:2000, green), alpha II spectrin (Cat. 99-A2SR, 1:1000, red) and nuclear staining with DAPI (blue). The anti-GAP43 labels protein expressed in the axonal membrane and synapses of neuronal cells. The Anti- α II-Spectrin labels the submembraneous cytoskeleton of axons and dendrites.



Immunofluorescence of rat neuron/glial culture labeling GAP43 protein (Cat. 875-GAP43, 1:2000, green) expressed in the axonal membrane and synapses of neuronal cells. DAPI (blue) was used for nuclear staining.

Product Page URL: www.antibodiesinc.com/products/anti-gap43-antibody-875-gap43



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