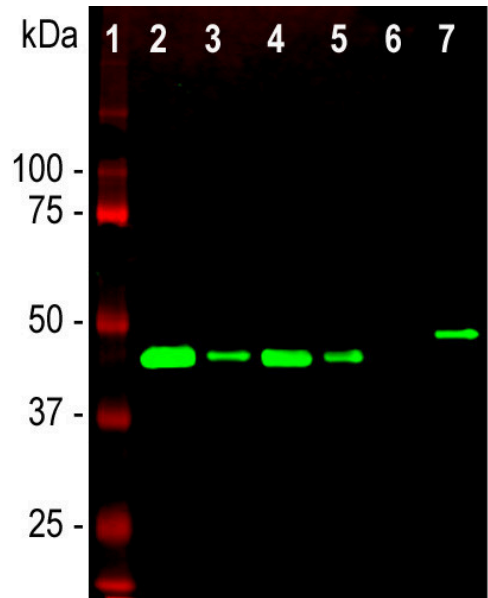


GAP43 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Bovine, Chicken, Horse, Human, Mouse, Pig, Rat
Host/Isotype	Chicken / IgY
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	C-terminal peptide of rodent GAP43, KEDPEADQEHA coupled to KLH
Form	Liquid
Concentration	Conc. Not Determined
Storage buffer	PBS
Contains	0.02% sodium azide
Storage conditions	4° C

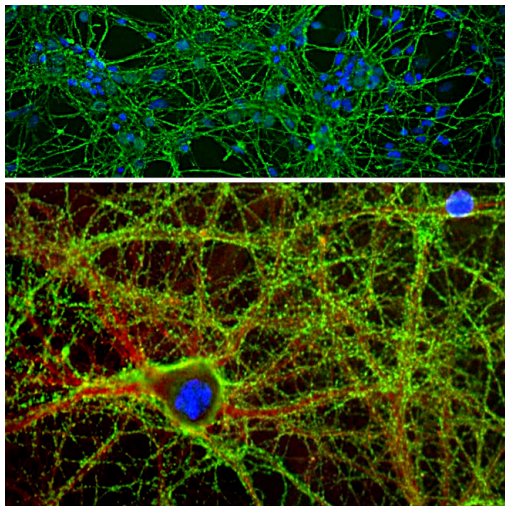
Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:5,000	-
Immunocytochemistry (ICC/IF)	1:500-1:1,000	-

Product Images For GAP43 Polyclonal Antibody



GAP43 Antibody (PA5-143568) in WB

Western blot analysis of GAP43 in different tissue and cell lysates. Samples were incubated in GAP43 polyclonal antibody (Product # PA5-143568) using a dilution of 1:5,000 (green). [1] protein standard (red), [2] rat brain, [3] rat spinal cord, [4] mouse brain, [5] mouse spinal cord, [6] C6 cells, [7] SH-SY5Y cells. Single band at the 43 kDa mark corresponds to GAP43. The GAP43 protein only is detected in the lysates of neuronal origin. C6 cells are a rat glioma cell line and do not express GAP43.



GAP43 Antibody (PA5-143568) in ICC/IF

Immunofluorescent analysis of GAP43 in cortical neuron-glia cell culture from E20 rat. Samples were stained with GAP43 polyclonal antibody (Product # PA5-143568) using a dilution of 1:2,000 (green). Costained with rabbit pAb to -II spectrin (Product # PA5-143594) dilution 1:1,000 in red. The blue is DAPI staining of nuclear DNA. GAP43 antibody labels protein expressed in the axonal membrane and synapses of neuronal cells, while the spectrin antibody stains the submembraneous cytoskeleton of axons and dendrites.

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