

Anti-Alpha-internexin (Alpha-Inx) Antibody

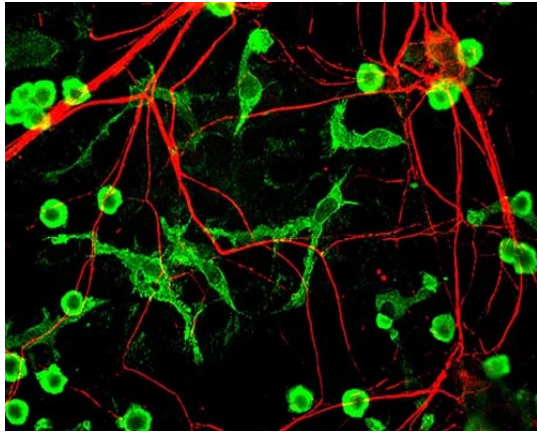


Product Details

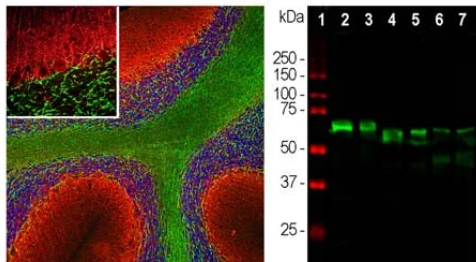
Available Variants	50 µL (SKU:C-1377-50)
Conjugate	Unconjugated
Isotype	IgY
Host Species	Chicken
Format	IgY preparation
Physical State	Lyophilized
Buffer	Lyophilized IgY preparation, with sodium azide.
Applications	ICC, IHC, WB
Dilution Ranges	WB: 1:5000-1:10000 IHC: 1:500-1:1000 ICC: 1:500-1:1000
Species Reactivity	Feline, Human, Mouse, Rat
Immunogen	Recombinant rat alpha-internexin expressed and purified from E. coli
Specificity	The specificity of this antibody has been confirmed by WB. This antibody is specific for the 64-66 kDa alpha-internexin protein. Molecular weight will depend on species. Human, rat, mouse, feline. It is predicted to react with other mammals.
Molecular Weight	64-66 kDa
Storage	Spin vial briefly before opening. Reconstitute with 50 µL sterile-filtered, ultrapure water. Centrifuge to remove any insoluble material. After reconstitution of lyophilized antibody, aliquot and store at -20°C for a higher stability. Avoid freeze-thaw cycles.
UniProt ID	P23565
Country of Origin	United States

Shipping	25°C (ambient)
Expiration	12 months after date of receipt (unopened vial).
Usage Statement	For research use only.

Product Images



Mixed neuron glia cultures stain with Chicken polyclonal antibody to Internexin alpha C-1377-50 (red) and counterstained with Rabbit polyclonal antibody to Coronin 1a: Whole serum, R-1335-50 (green) which is an excellent marker of microglia and lymphocytes. This internexin antibody is an excellent marker of neuronal processes in these cultures.



Left: Fluorescent staining of rat cerebellum section by **Immunohistochemistry** with chicken antibody to alpha-internexin (1:5,000, red), and co-stained with mouse antibody to MBP (M-1384-50, 1:5,000, green). IHC Method: Following transcardial perfusion with 4% PFA, brain was post fixed for 24 hours, cut to 45 μ M, and free-floating sections were stained. The alpha-internexin antibody selectively stains axons and dendrites of neuronal cells, in particular Purkinje cells, parallel fibers and the axons of granule cells, while the MBP antibody stains myelin sheathes around axons. **Right: Western blot** analysis of alpha-internexin expression in tissue lysates. [1] protein standard, [2] rat brain, [3] rat spinal cord, [4] mouse brain, [5] mouse spinal cord, [6] cow spinal cord, [7] pig spinal cord. The antibody reveals the alpha-internexin protein with apparent molecular weight of 64 to 66 kDa, with some variability among different species. Antibody dilution: 1:10,000.

Product Page URL: www.antibodiesinc.com/products/anti-alpha-internexin-alpha-inx-antibody-c-1377-50

