

Anti-Internexin alpha (Alpha-Inx) Antibody

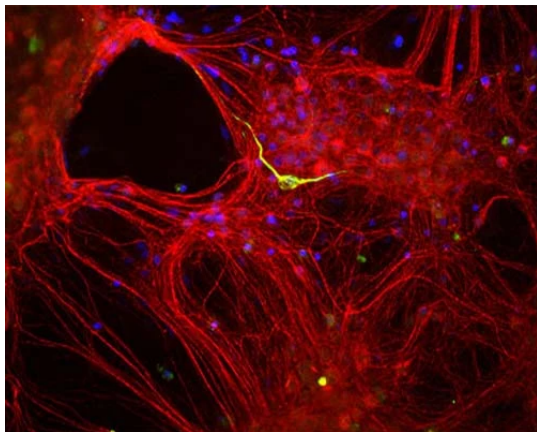


Product Details

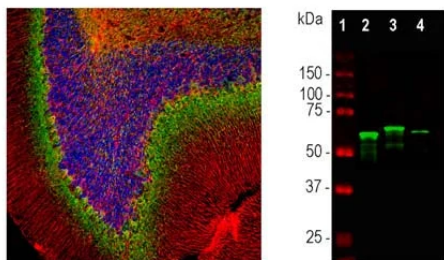
Available Variants	50 µL (SKU:R-1379-50)
Conjugate	Unconjugated
Isotype	Mixed
Host Species	Rabbit
Format	Whole serum
Physical State	Lyophilized
Buffer	Lyophilized with sodium azide.
Applications	ICC, IHC, WB
Dilution Ranges	WB: 1:10000-1:20000 IHC: 1:500-1:1000 ICC: 1:500-1:1000
Species Reactivity	Feline, Human, Mouse, Rat
Immunogen	Recombinant 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. Hu, rat, Ms, Fel, and 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-glial cultures stained with Rabbit polyclonal antibody to Internexin alpha R-1379-50 (red) and Chicken polyclonal antibody to peripherin C-1399-50 (green). The alpha internexin antibody stains numerous axonal and dendritic profiles in these cultures, while Peripherin antibody binds to only a subset of neurons.



Left: Detection of alpha-internexin expression (green) in rat cerebellum by **Immunohistochemistry**. The rabbit antibody to alpha-internexin was used at 1:2,000 dilution, and section was co-stained with chicken antibody to GFAP (C-1373-50, red, 1:5,000). Blue: DAPI nuclear stain. IHC Method: Following transcardial perfusion with 4% paraformaldehyde, brain was post-fixed for 24 hours, cut to 45 um, and free-floating sections were stained. The alpha-internexin antibody selectively stains axons and dendrites of neuronal cells, in particular Purkinje cells and parallel fibers the axons of granule cells. The GFAP antibody labels network of glial cells, such as astrocytes in the granule cell layer and white matter and Bergmann glia in the molecular layer. **Right:** **Western blot** analysis of whole tissue lysates using rabbit antibody to alpha-internexin (green, 1:10,000). [1] protein standard, [2] mouse spinal cord, [3] rat spinal cord, [4] bovine spinal cord. Major bands in the 64-66 kDa range correspond to alpha-internexin. The alpha-internexin protein from different species is known to vary slightly in molecular weight as determined by SDS-PAGE.



Created on 12. September 2026 | All information without guarantee